

Kenai National Wildlife Refuge Species List, version 2016-11-18

Kenai National Wildlife Refuge biology staff



November 18, 2016

Cover images represent changes to the checklist. Top left: *Impatiens noli-tangere* at Jims' Landing on August 15, 2016 (<http://www.inaturalist.org/observations/3893699>), Image CC BY Matt Bowser. Top right: *Oryctolagus cuniculus* observed at the Refuge's shop area on Ski Hill Road on August 26, 2016 (<http://www.inaturalist.org/observations/3967164>), Image CC BY Matt Bowser. Bottom left: *Lycia rachelae* observed at Headquarters Lake on April 7, 2016 (<http://arctos.database.museum/guid/KNWR:Ento:10862>), Image CC0 Matt Bowser. Bottom right: *Onnia tomentosa* observed near the Refuge's headquarters, August 10, 2016 (<http://www.inaturalist.org/observations/3855184>). Image CC BY Matt Bowser.

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Introduction

Purpose

A primary purpose for which the Kenai National Wildlife Refuge was established in the Alaska National Interest Lands Conservation Act of 1980 is, “to conserve fish and wildlife populations and habitats in their natural diversity...,” where the term “fish and wildlife” is defined as “any member of the animal kingdom, including without limitation any mammal, fish, bird... , amphibian, reptile, mollusk, crustacean, arthropod or other invertebrate.” An obvious first step toward accomplishing this purpose is to know what fish and wildlife, habitats, and natural diversity are to be conserved. This checklist is intended to be a frequently-updated document reflecting our current knowledge of which living things call the Kenai National Wildlife Refuge home.

About the list

The present list includes a total of 1,952 species: 206 vertebrates, 681 invertebrates, 494 vascular plants, 181 bryophytes, 361 fungi, and 29 unicellular organisms. Of these, 1,861 are considered to be native, 87 species are considered to be non-native, and four species are represented by both native and non-native populations. In addition, 17 non-native species are believed to have been extirpated from the Refuge.

Since the last version of this list ([Kenai National Wildlife Refuge biology staff, 2016](#)) where 1,925 species were listed, there has been a net change of 27 species added including the non-native species *Oryctolagus cuniculus* and *Leontodon autumnalis*. Two invertebrate phyla (Cnidaria and Platyhelminthes) have been added. See the change log (page 61) for details.

The list was produced from an in-house database using ITIS (<http://www.itis.gov>) for its taxonomic backbone. Accordingly, names and hierarchies generally follow ITIS except where taxa are not represented in ITIS.

Although accepted scientific names are used wherever these are known, we have included provisional identifications (for example, “*Typhula* sp.”) where these represent the best information available. Species recognized only as molecular operational taxonomic units are also included, mainly entities recognized by Barcode Index Numbers (BINs, [Rat-](#)

[nasingham and Hebert, 2013](#)). We have chosen not to follow the usual convention of italicizing genus and species names because our current system does not enable us to handle accepted and provisional names separately. We want to avoid implying that any of the provisional names we use are accepted by formatting them as proper scientific names. Also, note that our database enforces lower case letters in our specific epithets so that, for example, “*Rabdophaga* sp. BOLD:ADA9342” becomes “*Rabdophaga* sp. bold:ada9342.”

In this draft we added handling of selected synonyms, which are now included in the index. These synonymies do not necessarily reflect our opinions and are not intended as statements on correct taxonomy; we generally follow ITIS. Rather, synonymies are included in the index as an aid to the reader to help find taxa for which names may have changed.

This list is dynamic and far from perfect with many changes and corrections yet to be made. Please send comments and corrections to Matt Bowser at matt_bowser@fws.gov.

Acknowledgments

Many acknowledgments are due to many people who have reviewed this list, provided identifications, and helped in other ways. The list below is by no means exhaustive.

James Bergdahl (Conservation Biology Center, Spokane, Washington) reviewed and made helpful comments on the Refuge’s list of Carabidae.

Peter Hovingh provided a list of leeches (Hirudinea) collected on the Refuge.

John Hudson (USFWS, Juneau, Alaska) provided lists of Odonata observed on the Refuge.

Richard Payne (University of York, Heslington, UK) provided a list of protists from Jigsaw Lake from [Payne et al. \(2006\)](#).

David Wartinbee (retired from Kenai Peninsula College, Soldotna, Alaska) shared a list of Chironomidae he had collected on the Refuge.

Checklist of species occurring on the Kenai National Wildlife Refuge

Vertebrates

Phylum Chordata

Class Actinopterygii

Order Cypriniformes

Family Catostomidae

Catostomus catostomus

COMMON NAMES: Longnose sucker

LITERATURE RECORDS: [Dean and Rickabough \(2005\)](#), [Friedersdorff \(1986\)](#), [Friedersdorff and Jakubas \(1984a\)](#), [Friedersdorff and Jakubas \(1984b\)](#)

Order Gasterosteiformes

Family Gasterosteidae

Gasterosteus aculeatus

COMMON NAMES: Threespine stickleback

INATURALIST OBSERVATIONS: [2138344](#)

Pungitius pungitius

COMMON NAMES: Tenspined stickleback

Order Salmoniformes

Family Salmonidae

Oncorhynchus gorbusha

COMMON NAMES: Humpbacked salmon

Oncorhynchus keta

COMMON NAMES: Chum salmon

Oncorhynchus kisutch

COMMON NAMES: Coho salmon or silver salmon

Oncorhynchus mykiss

COMMON NAMES: Steelhead

INATURALIST OBSERVATIONS: [811982](#), [1814201](#)

Oncorhynchus nerka

COMMON NAMES: Sockeye salmon or kokanee

INATURALIST OBSERVATIONS: [1021584](#)

Oncorhynchus tshawytscha

COMMON NAMES: Chinook salmon or king salmon

Prosopium cylindraceum

COMMON NAMES: Round whitefish

Salvelinus alpinus

COMMON NAMES: Arctic char

Salvelinus malma

COMMON NAMES: Dolly varden

INATURALIST OBSERVATIONS: [811997](#)

Salvelinus namaycush

COMMON NAMES: Lake trout

†*Thymallus arcticus*

COMMON NAMES: Arctic grayling

Order Scorpaeniformes

Family Cottidae

Cottus aleuticus

COMMON NAMES: Coastrange sculpin

Cottus cognatus

COMMON NAMES: Slimy sculpin

Class Amphibia

Order Anura

Family Ranidae

Lithobates sylvaticus

SYNONYMS: *Rana sylvatica*

COMMON NAMES: Wood frog

INATURALIST OBSERVATIONS: [115158](#), [115166](#), [117220](#), [1816454](#)

Class Aves

Order Accipitriformes

Family Accipitridae

Accipiter gentilis

COMMON NAMES: Northern goshawk

INATURALIST OBSERVATIONS: [114273](#)

Accipiter striatus

COMMON NAMES: Sharp-shinned hawk

Aquila chrysaetos

COMMON NAMES: Golden eagle

Buteo jamaicensis

COMMON NAMES: Red-tailed hawk

Buteo lagopus

COMMON NAMES: Rough-legged hawk

Circus cyaneus

COMMON NAMES: Northern harrier

Haliaeetus leucocephalus

COMMON NAMES: Bald eagle

INATURALIST OBSERVATIONS: [353902](#), [2318743](#)

Family Pandionidae**Pandion haliaetus**

COMMON NAMES: Osprey

INATURALIST OBSERVATIONS: [17348](#)**Order Anseriformes****Family Anatidae****Anas acuta**

COMMON NAMES: Northern pintail

Anas americana

COMMON NAMES: American wigeon

INATURALIST OBSERVATIONS: [38971](#)**Anas clypeata**

COMMON NAMES: Northern shoveler

Anas crecca

COMMON NAMES: Green-winged teal

Anas discors

COMMON NAMES: Blue-winged teal

Anas platyrhynchos

COMMON NAMES: Mallard

Anas strepera

COMMON NAMES: Gadwall

Anser albifrons

COMMON NAMES: Greater white-fronted goose

Aythya americana

COMMON NAMES: Redhead

Aythya collaris

COMMON NAMES: Ring-necked duck

Aythya marila

COMMON NAMES: Greater scaup

Aythya valisineria

COMMON NAMES: Canvasback

Branta canadensis

COMMON NAMES: Canada goose

Branta hutchinsii

COMMON NAMES: Cackling goose

Bucephala albeola

COMMON NAMES: Bufflehead

INATURALIST OBSERVATIONS: [2097731](#)**Bucephala clangula**

COMMON NAMES: Common goldeneye

INATURALIST OBSERVATIONS: [14378](#)**Bucephala islandica**

COMMON NAMES: Barrow's goldeneye

Chen caerulescens

COMMON NAMES: Snow goose

Clangula hyemalis

COMMON NAMES: Long-tailed duck

Cygnus buccinator

COMMON NAMES: Trumpeter swan

INATURALIST OBSERVATIONS: [14908](#)**Cygnus columbianus**

COMMON NAMES: Tundra swan

Histrionicus histrionicus

COMMON NAMES: Harlequin duck

Melanitta fusca

COMMON NAMES: White-winged scoter

Melanitta nigra

COMMON NAMES: Black scoter

Melanitta perspicillata

COMMON NAMES: Surf scoter

Mergus merganser

COMMON NAMES: Common merganser

Mergus serrator

COMMON NAMES: Red-breasted merganser

INATURALIST OBSERVATIONS: [1741201](#)**Order Apodiformes****Family Trochilidae****Selasphorus rufus**

COMMON NAMES: Rufous hummingbird

Order Charadriiformes**Family Alcidae****Brachyramphus marmoratus**

COMMON NAMES: Marbled murrelet

Family Charadriidae**Charadrius semipalmatus**

COMMON NAMES: Semipalmated plover

Pluvialis dominica

COMMON NAMES: American golden-plover

Pluvialis fulva

COMMON NAMES: Pacific golden-plover

Pluvialis squatarola

COMMON NAMES: Black-bellied plover

Family Laridae**Larus argentatus**

COMMON NAMES: Herring gull

Larus canus

COMMON NAMES: Mew gull

INATURALIST OBSERVATIONS: [568363](#)**Larus glaucescens**

COMMON NAMES: Glaucous-winged gull

Larus philadelphia

COMMON NAMES: Bonaparte's gull

Rissa tridactyla

COMMON NAMES: Black-legged kittiwake

Sterna aleutica

COMMON NAMES: Aleutian tern

Sterna caspia

COMMON NAMES: Caspian tern

Sterna paradisaea

COMMON NAMES: Arctic tern

Family Scolopacidae**Actitis macularius**

COMMON NAMES: Spotted sandpiper

INATURALIST OBSERVATIONS: [799862](#)**Arenaria interpres**

COMMON NAMES: Ruddy turnstone

Arenaria melanocephala

COMMON NAMES: Black turnstone

Bartramia longicauda

COMMON NAMES: Upland sandpiper

Calidris bairdii

COMMON NAMES: Baird's sandpiper

Calidris mauri

COMMON NAMES: Western sandpiper

Calidris melanotos

COMMON NAMES: Pectoral sandpiper

Calidris minutilla

COMMON NAMES: Least sandpiper

Calidris pusilla

COMMON NAMES: Semipalmated sandpiper

Gallinago delicata

COMMON NAMES: Wilson's snipe

Heteroscelus incanus

COMMON NAMES: Wandering tattler

Limnodromus griseus

COMMON NAMES: Short-billed dowitcher

Limnodromus scolopaceus

COMMON NAMES: Long-billed dowitcher

Limosa haemastica

COMMON NAMES: Hudsonian godwit

Numenius phaeopus

COMMON NAMES: Whimbrel

Phalaropus lobatus

COMMON NAMES: Red-necked phalarope

Tringa flavipes

COMMON NAMES: Lesser yellowlegs

INATURALIST OBSERVATIONS: [14388](#)

Tringa melanoleuca

COMMON NAMES: Greater yellowlegs

INATURALIST OBSERVATIONS: [1620784](#)

Tringa solitaria

COMMON NAMES: Solitary sandpiper

INATURALIST OBSERVATIONS: [117202](#)

Order Coraciiformes

Family Alcedinidae

Megaceryle alcyon

COMMON NAMES: Belted kingfisher

INATURALIST OBSERVATIONS: [14377](#)

Order Falconiformes

Family Falconidae

Falco columbarius

COMMON NAMES: Merlin

Falco peregrinus

COMMON NAMES: Peregrine falcon

Falco rusticolus

COMMON NAMES: Gyrfalcon

Falco sparverius

COMMON NAMES: American kestrel

Order Galliformes

Family Phasianidae

†Bonasa umbellus

COMMON NAMES: Ruffed grouse

Falcapennis canadensis

COMMON NAMES: Spruce grouse

INATURALIST OBSERVATIONS: [114271](#), [117201](#), [799838](#), [2318744](#), [2318748](#)

Lagopus lagopus

COMMON NAMES: Willow ptarmigan

Lagopus leucura

COMMON NAMES: White-tailed ptarmigan

Lagopus muta

COMMON NAMES: Rock ptarmigan

†Meleagris gallopavo

COMMON NAMES: Wild turkey

Order Gaviiformes

Family Gaviidae

Gavia immer

COMMON NAMES: Common loon

INATURALIST OBSERVATIONS: [117215](#)

Gavia pacifica

COMMON NAMES: Pacific loon

Gavia stellata

COMMON NAMES: Red-throated loon

Order Gruiformes

Family Gruidae

Grus canadensis

COMMON NAMES: Sandhill crane

INATURALIST OBSERVATIONS: [125358](#), [568346](#)

Order Passeriformes

Family Alaudidae

Eremophila alpestris

COMMON NAMES: Horned lark

Family Bombycillidae

Bombycilla garrulus

COMMON NAMES: Bohemian waxwing

Family Certhiidae

Certhia americana

COMMON NAMES: Brown creeper

INATURALIST OBSERVATIONS: [2318731](#)

Family Cinclidae

Cinclus mexicanus

COMMON NAMES: American dipper

INATURALIST OBSERVATIONS: [2460496](#)

Family Corvidae

Corvus caurinus

COMMON NAMES: Northwestern crow

Corvus corax

COMMON NAMES: Common raven

Cyanocitta stelleri

COMMON NAMES: Steller's jay

Perisoreus canadensis

COMMON NAMES: Gray jay

INATURALIST OBSERVATIONS: [115165](#), [117211](#), [568384](#), [799843](#),
[2097733](#), [2318733](#)

Pica pica

COMMON NAMES: Black-billed magpie

Family Emberizidae

Calcarius lapponicus

COMMON NAMES: Lapland longspur

Junco hyemalis

COMMON NAMES: Dark-eyed junco

INATURALIST OBSERVATIONS: [114272](#), [115160](#), [799836](#), [800017](#)

Melospiza lincolni

COMMON NAMES: Lincoln's sparrow

Melospiza melodia

COMMON NAMES: Song sparrow

Passerculus sandwichensis

COMMON NAMES: Savannah sparrow

INATURALIST OBSERVATIONS: [799854](#)

Passerella iliaca

COMMON NAMES: Fox sparrow

Plectrophenax nivalis

COMMON NAMES: Snow bunting

INATURALIST OBSERVATIONS: [134313](#)

Spizella arborea

COMMON NAMES: American tree sparrow

Zonotrichia atricapilla

COMMON NAMES: Golden-crowned sparrow

INATURALIST OBSERVATIONS: [799858](#)

Zonotrichia leucophrys

COMMON NAMES: White-crowned sparrow

INATURALIST OBSERVATIONS: [115149](#), [799848](#)

Family Fringillidae

Carduelis flammea

COMMON NAMES: Common redpoll

Carduelis pinus

COMMON NAMES: Pine siskin

Leucosticte tephrocotis

COMMON NAMES: Gray-crowned rosy-finch

Loxia curvirostra

COMMON NAMES: Red crossbill

Loxia leucoptera

COMMON NAMES: White-winged crossbill

Pinicola enucleator

COMMON NAMES: Pine grosbeak

INATURALIST OBSERVATIONS: [568354](#), [800011](#)

Family Hirundinidae

Petrochelidon pyrrhonota

COMMON NAMES: Cliff swallow

Riparia riparia

COMMON NAMES: Bank swallow

Tachycineta bicolor

COMMON NAMES: Tree swallow

Tachycineta thalassina

COMMON NAMES: Violet-green swallow

Family Icteridae

Euphagus carolinus

COMMON NAMES: Rusty blackbird

Family Laniidae

Lanius excubitor

COMMON NAMES: Northern shrike

Family Motacillidae

Anthus rubescens

COMMON NAMES: American pipit

Family Muscicapidae

Oenanthe oenanthe

COMMON NAMES: Northern wheatear

Family Paridae

Poecile atricapillus

COMMON NAMES: Black-capped chickadee

INATURALIST OBSERVATIONS: [2318746](#)

Poecile hudsonicus

COMMON NAMES: Boreal chickadee

INATURALIST OBSERVATIONS: [114310](#), [115162](#), [117213](#), [568382](#),
[800016](#), [2318745](#)

Family Parulidae

Dendroica coronata

COMMON NAMES: Yellow-rumped warbler

Dendroica petechia

COMMON NAMES: Yellow warbler

Dendroica striata

COMMON NAMES: Blackpoll warbler

Dendroica townsendi

COMMON NAMES: Townsend's warbler

Seiurus noveboracensis

COMMON NAMES: Northern waterthrush

Vermivora celata

COMMON NAMES: Orange-crowned warbler

Wilsonia pusilla

COMMON NAMES: Wilson's warbler

Family Regulidae

Regulus calendula

COMMON NAMES: Ruby-crowned kinglet

INATURALIST OBSERVATIONS: [114311](#), [799835](#)

Regulus satrapa

COMMON NAMES: Golden-crowned kinglet

Family Sittidae

Sitta canadensis

COMMON NAMES: Red-breasted nuthatch

Family Troglodytidae

Troglodytes pacificus

COMMON NAMES: Pacific wren

INATURALIST OBSERVATIONS: [2318732](#), [2318732](#)

Family Turdidae

Catharus guttatus

COMMON NAMES: Hermit thrush

INATURALIST OBSERVATIONS: [114309](#)

Catharus minimus

COMMON NAMES: Gray-cheeked thrush

Catharus ustulatus

COMMON NAMES: Swainson's thrush

Ixoreus naevius

COMMON NAMES: Varied thrush

Myadestes townsendi

COMMON NAMES: Townsend's solitaire

Turdus migratorius

COMMON NAMES: American robin

INATURALIST OBSERVATIONS: [115148](#), [799841](#)

Family Tyrannidae

Contopus cooperi

COMMON NAMES: Olive-sided flycatcher

Contopus sordidulus

COMMON NAMES: Western wood-pewee

Empidonax alorum

COMMON NAMES: Alder flycatcher

Empidonax hammondi

COMMON NAMES: Hammond's flycatcher

Order Piciformes

Family Picidae

Colaptes auratus

COMMON NAMES: Northern flicker

Picoides arcticus

COMMON NAMES: Black-backed woodpecker

Picoides dorsalis

COMMON NAMES: American three-toed woodpecker

Picoides pubescens

COMMON NAMES: Downy woodpecker

Picoides villosus

COMMON NAMES: Hairy woodpecker

Order Podicipediformes

Family Podicipedidae

Podiceps auritus

COMMON NAMES: Horned grebe

Podiceps grisegena

COMMON NAMES: Red-necked grebe

Order Procellariiformes

Family Hydrobatidae

Oceanodroma furcata

COMMON NAMES: Fork-tailed storm-petrel

Order Strigiformes

Family Strigidae

Aegolius acadicus

COMMON NAMES: Northern saw-whet owl

Aegolius funereus

COMMON NAMES: Boreal owl

Asio flammeus

COMMON NAMES: Short-eared owl

Bubo virginianus

COMMON NAMES: Great horned owl

Strix nebulosa

COMMON NAMES: Great gray owl

Surnia ulula

COMMON NAMES: Northern hawk owl

Order Suliformes

Family Phalacrocoracidae

Phalacrocorax auritus

COMMON NAMES: Double-crested cormorant

Class Cephalaspidomorphi

Order Petromyzontiformes

Family Petromyzontidae

Lampetra camtschatica

COMMON NAMES: Arctic lamprey

Lampetra tridentata

COMMON NAMES: Pacific lamprey

Class Mammalia

Order Artiodactyla

Family Bovidae

Oreamnos americanus

COMMON NAMES: Mountain goat

Ovis dalli

COMMON NAMES: Dall's sheep

INATURALIST OBSERVATIONS: [14893](#)

Family Cervidae

Alces alces

COMMON NAMES: Moose

Rangifer tarandus

COMMON NAMES: Caribou

Order Carnivora

Family Canidae

†Canis latrans

COMMON NAMES: Coyote

INATURALIST OBSERVATIONS: [14877](#)

Canis lupus

COMMON NAMES: Gray wolf

Vulpes vulpes

COMMON NAMES: Red fox

Family Felidae

Lynx lynx

COMMON NAMES: Lynx

Family Mustelidae

Gulo gulo

COMMON NAMES: Wolverine

Lontra canadensis

COMMON NAMES: Northern river otter

Martes americana

COMMON NAMES: American marten

Mustela erminea

COMMON NAMES: Ermine

Neovison vison

COMMON NAMES: American mink

Family Phocidae

Phoca vitulina

COMMON NAMES: Harbor seal

Family Ursidae

Ursus americanus

COMMON NAMES: Black bear

INATURALIST OBSERVATIONS: [463969](#)

Ursus arctos

INATURALIST OBSERVATIONS: [113374](#), [113420](#), [463980](#)

Order Cetacea

Family Monodontidae

Delphinapterus leucas

COMMON NAMES: Beluga

Order Chiroptera

Family Vespertilionidae

Myotis lucifugus

COMMON NAMES: Little brown myotis

Order Lagomorpha

Family Leporidae

Lepus americanus

COMMON NAMES: Snowshoe hare

INATURALIST OBSERVATIONS: [9965](#), [115174](#)

†Oryctolagus cuniculus

COMMON NAMES: European rabbit

INATURALIST OBSERVATIONS: [3967164](#)

Order Primates

Family Hominidae

Homo sapiens

COMMON NAMES: Human

Order Rodentia

Family Castoridae

Castor canadensis

COMMON NAMES: American beaver

INATURALIST OBSERVATIONS: [2318742](#)

Family Erethizontidae

Erethizon dorsatum

COMMON NAMES: Common porcupine

INATURALIST OBSERVATIONS: [14374](#), [2097732](#)

Family Muridae

Clethrionomys rutilus

COMMON NAMES: Northern red-backed vole

Microtus miurus

COMMON NAMES: Singing vole

Microtus oeconomus

COMMON NAMES: Tundra vole

Ondatra zibethicus

COMMON NAMES: Muskrat

Synaptomys borealis

COMMON NAMES: Northern bog lemming

Family Sciuridae

Marmota broweri

COMMON NAMES: Alaska marmot

Tamiasciurus hudsonicus

COMMON NAMES: Red squirrel

INATURALIST OBSERVATIONS: [14907](#), [117216](#), [1306486](#)

Order Soricomorpha

Family Soricidae

Sorex cinereus

COMMON NAMES: Common shrew

Sorex hoyi

COMMON NAMES: Pygmy shrew

Sorex monticolus

COMMON NAMES: Montane shrew

Invertebrates

Phylum Annelida

Class Hirudinea

Order Arhynchobdellida

Family Erpobdellidae

Erpobdella punctata

Family Haemopidae

Haemopsis lateromaculata

COMMON NAMES: A horse leach

Order Rhynchobdellida

Family Glossiphoniidae

Glossiphonia complanata

Helobdella stagnalis

Placobdella kwetlumye

Theromyzon sp.

Class Oligochaeta

Order Enchytraeida

Family Enchytraeidae

Mesenchytraeus solifugus

COMMON NAMES: Ice worm

Order Lumbriculida

Family Lumbriculidae

Lumbriculus sp. bold:aag4731

BOLD RECORDS: MOBIL1270-16

Lumbriculus sp. bold:ada9314

BOLD RECORDS: MOBIL1237-16

Order Opisthophora

Family Lumbricidae

†*Dendrobaena octaedra*

COMMON NAMES: Octagonal-tailed worm

ARCTOS RECORDS: KNWR:Ento:6764, KNWR:Ento:7045, KNWR:Ento:7046, KNWR:Ento:7047, KNWR:Ento:7049, KNWR:Ento:7050, KNWR:Ento:7052, KNWR:Ento:7053, KNWR:Ento:7054, KNWR:Ento:7055, KNWR:Ento:7056, KNWR:Ento:7057, KNWR:Ento:7058, KNWR:Ento:7059, KNWR:Ento:7065, KNWR:Ento:7066, KNWR:Ento:7067, KNWR:Ento:7068, KNWR:Ento:7069, KNWR:Ento:7070, KNWR:Ento:7071, KNWR:Ento:7072, KNWR:Ento:7074, KNWR:Ento:7076, KNWR:Ento:7077, KNWR:Ento:7078, KNWR:Ento:7079, KNWR:Ento:7080, KNWR:Ento:7081

†*Dendrodrilus rubidus*

ARCTOS RECORDS: KNWR:Ento:7051, KNWR:Ento:7100

†*Lumbricus rubellus*

COMMON NAMES: Red marsh worm

ARCTOS RECORDS: KNWR:Ento:6755

†*Lumbricus terrestris*

COMMON NAMES: Nightcrawler

ARCTOS RECORDS: KNWR:Ento:7060, KNWR:Ento:7063

Phylum Arthropoda

Class Arachnida

Order Araneae

Family Agelenidae

Agelenopsis utahana

COMMON NAMES: A funnel weaver

ARCTOS RECORDS: KNWR:Ento:6663

Family Araneidae

Araneus corticarius

ARCTOS RECORDS: KNWR:Ento:10328

Araneus marmoreus

COMMON NAMES: Marbled orbweaver

ARCTOS RECORDS: KNWR:Ento:6524

Araneus nordmanni

ARCTOS RECORDS: KNWR:Ento:7032

Araniella displicata

COMMON NAMES: Sixspotted orbweaver

ARCTOS RECORDS: KNWR:Ento:4753, KNWR:Ento:6431, KNWR:Ento:6545 iNATURALIST OBSERVATIONS: 1454197

Cyclosa conica

ARCTOS RECORDS: KNWR:Ento:6413, KNWR:Ento:6420, KNWR:Ento:6497, KNWR:Ento:6523, KNWR:Ento:6553, KNWR:Ento:6565, KNWR:Ento:6643, KNWR:Ento:6650

Hypsosinga pygmaea

COMMON NAMES: An orb spider

ARCTOS RECORDS: KNWR:Ento:6648

Family Dictynidae

Dictyna alaskae

COMMON NAMES: A meshweaver spider

ARCTOS RECORDS: KNWR:Ento:5091, KNWR:Ento:6448, KNWR:Ento:6471, KNWR:Ento:6483, KNWR:Ento:6521, KNWR:Ento:6536, KNWR:Ento:6540, KNWR:Ento:6546, KNWR:Ento:6549, KNWR:Ento:6560, KNWR:Ento:6573, KNWR:Ento:6590, KNWR:Ento:6596, KNWR:Ento:6612, KNWR:Ento:6837, UAM:Ento:171025, UAM:Ento:171029, UAM:Ento:296256, UAM:Ento:296257, UAM:Ento:296258, UAM:Ento:296260, UAM:Ento:296261, UAM:Ento:296262, UAM:Ento:296265, UAM:Ento:296266, UAM:Ento:296267, UAM:Ento:301763, UAM:Ento:309403

Dictyna arundinacea

COMMON NAMES: A meshweaver spider

ARCTOS RECORDS: KNWR:Ento:6454, KNWR:Ento:6578, KNWR:Ento:6609, KNWR:Ento:6838, UAM:Ento:296259, UAM:Ento:296263, UAM:Ento:296264, UAM:Ento:296268

Dictyna major

COMMON NAMES: A meshweaver spider

ARCTOS RECORDS: KNWR:Ento:6453

Emblyna annulipes

COMMON NAMES: A meshweaver spider

ARCTOS RECORDS: KNWR:Ento:6468, KNWR:Ento:6472, KNWR:Ento:6582, KNWR:Ento:6601, KNWR:Ento:6638, KNWR:Ento:6641, KNWR:Ento:6644, UAM:Ento:301757, UAM:Ento:301762, UAM:Ento:313703, UAM:Ento:313704, UAM:Ento:313705, UAM:Ento:313706, UAM:Ento:313716

Emblyna chitina

ARCTOS RECORDS: KNWR:Ento:6627, UAM:Ento:313707

Family Linyphiidae

Baryphyma longitarsum

COMMON NAMES: A dwarf sheetweb weaver

ARCTOS RECORDS: KNWR:Ento:6464

Baryphyma trifrons

COMMON NAMES: A dwarf sheetweb weaver

ARCTOS RECORDS: KNWR:Ento:2032, KNWR:Ento:4559, KNWR:Ento:6505, KNWR:Ento:6514, UAM:Ento:301758, UAM:Ento:301764

Ceraticelus atriceps

COMMON NAMES: A dwarf sheet-web spider

ARCTOS RECORDS: KNWR:Ento:2319, KNWR:Ento:2510, KNWR:Ento:4163, KNWR:Ento:6425, KNWR:Ento:6451, KNWR:Ento:6469, KNWR:Ento:6481, KNWR:Ento:6503, KNWR:Ento:6519, KNWR:Ento:6526, KNWR:Ento:6552, KNWR:Ento:6558, KNWR:Ento:6569, KNWR:Ento:6572, KNWR:Ento:6586, KNWR:Ento:6605, KNWR:Ento:6616, KNWR:Ento:6640, KNWR:Ento:6645, KNWR:Ento:6658

Ceraticelus silus

ARCTOS RECORDS: KNWR:Ento:4182, KNWR:Ento:4535, KNWR:Ento:5645, KNWR:Ento:6452, KNWR:Ento:6465, KNWR:Ento:6489, KNWR:Ento:6570, KNWR:Ento:6577, KNWR:Ento:6589, KNWR:Ento:6597, KNWR:Ento:6621, KNWR:Ento:6634, KNWR:Ento:6655, KNWR:Ento:6659

Ceratinella ornatula

ARCTOS RECORDS: KNWR:Ento:6473, UAM:Ento:309419

Dismodicus alticeps

COMMON NAMES: A dwarf sheetweb weaver

ARCTOS RECORDS: [KNWR:Ento:6482](#), [KNWR:Ento:6671](#), [KNWR:Ento:6672](#)**Dismodicus modicus**

COMMON NAMES: A dwarf sheetweb spider

ARCTOS RECORDS: [KNWR:Ento:6433](#), [KNWR:Ento:6537](#), [KNWR:Ento:6559](#), [KNWR:Ento:6594](#), [KNWR:Ento:6604](#), [KNWR:Ento:6620](#), [KNWR:Ento:6765](#), [UAM:Ento:301761](#), [UAM:Ento:301765](#), [UAM:Ento:301766](#)**Erigone tirolensis**

COMMON NAMES: A dwarf sheetweb spider

ARCTOS RECORDS: [KNWR:Ento:6743](#), [UAM:Ento:301756](#)**Estrandia grandaeva**

COMMON NAMES: A sheet-web spider

ARCTOS RECORDS: [KNWR:Ento:2164](#), [KNWR:Ento:3804](#), [KNWR:Ento:4716](#), [KNWR:Ento:6417](#), [KNWR:Ento:6419](#), [KNWR:Ento:6426](#), [KNWR:Ento:6428](#), [KNWR:Ento:6432](#), [KNWR:Ento:6438](#), [KNWR:Ento:6439](#), [KNWR:Ento:6442](#), [KNWR:Ento:6443](#), [KNWR:Ento:6446](#), [KNWR:Ento:6462](#), [KNWR:Ento:6476](#), [KNWR:Ento:6479](#), [KNWR:Ento:6484](#), [KNWR:Ento:6486](#), [KNWR:Ento:6491](#), [KNWR:Ento:6492](#), [KNWR:Ento:6494](#), [KNWR:Ento:6502](#), [KNWR:Ento:6507](#), [KNWR:Ento:6508](#), [KNWR:Ento:6515](#), [KNWR:Ento:6518](#), [KNWR:Ento:6525](#), [KNWR:Ento:6529](#), [KNWR:Ento:6532](#), [KNWR:Ento:6543](#), [KNWR:Ento:6547](#), [KNWR:Ento:6556](#), [KNWR:Ento:6562](#), [KNWR:Ento:6574](#), [KNWR:Ento:6592](#), [KNWR:Ento:6593](#), [KNWR:Ento:6595](#), [KNWR:Ento:6611](#), [KNWR:Ento:6625](#), [KNWR:Ento:6639](#), [KNWR:Ento:6653](#)**Grammonota vittata**

COMMON NAMES: A dwarf sheetweb spider

ARCTOS RECORDS: [KNWR:Ento:6584](#)**Helophora reducta****Hypselistes florens**

COMMON NAMES: A dwarf sheetweb weaver

ARCTOS RECORDS: [KNWR:Ento:4696](#), [KNWR:Ento:4789](#), [KNWR:Ento:6488](#), [KNWR:Ento:6496](#), [KNWR:Ento:6541](#), [KNWR:Ento:6568](#), [KNWR:Ento:6613](#), [KNWR:Ento:6619](#)**Kaestneria anceps****Lepthyphantes alpinus**

COMMON NAMES: A sheet-web spider

ARCTOS RECORDS: [KNWR:Ento:6564](#), [KNWR:Ento:6661](#)**Megalepthyphantes nebulosus**

COMMON NAMES: A sheet-web spider

Nerienne radiata

COMMON NAMES: Filmy dome spider

ARCTOS RECORDS: [KNWR:Ento:6440](#), [KNWR:Ento:6441](#), [KNWR:Ento:6463](#), [KNWR:Ento:6467](#), [KNWR:Ento:6495](#), [KNWR:Ento:6509](#), [KNWR:Ento:6630](#), [KNWR:Ento:6632](#), [KNWR:Ento:6652](#), [KNWR:Ento:6656](#)**Pityohyphantes subarcticus**ARCTOS RECORDS: [KNWR:Ento:6458](#), [KNWR:Ento:6511](#)**Pocadicnemis pumila**ARCTOS RECORDS: [KNWR:Ento:6506](#), [UAM:Ento:301759](#)**Tiso aestivus****Walckenaeria directa**

COMMON NAMES: A dwarf sheetweb spider

ARCTOS RECORDS: [KNWR:Ento:6811](#)**Family Lycosidae****Alopecosa aculeata**

COMMON NAMES: A wolf spider

ARCTOS RECORDS: [KNWR:Ento:10342](#)**Pardosa albomaculata**

COMMON NAMES: A wolf spider

ARCTOS RECORDS: [KNWR:Ento:6742](#), [UAM:Ento:94514](#)**Pardosa diuturna**

COMMON NAMES: A wolf spider

Pardosa groenlandica

COMMON NAMES: A wolf spider

ARCTOS RECORDS: [KNWR:Ento:10479](#)**Pardosa xerampelina**BOLD RECORDS: [MOBIL1226-16](#)**Trochosa terricola**

COMMON NAMES: A wolf spider

ARCTOS RECORDS: [KNWR:Ento:7001](#)**Family Philodromidae****Philodromus rufus**

COMMON NAMES: A crab spider

Tibellus maritimusARCTOS RECORDS: [KNWR:Ento:3386](#)**Family Pisauridae****Dolomedes triton****Family Salticidae****Evarcha proszynskii**

COMMON NAMES: A jumping spider

Family Tetragnathidae**Tetragnatha extensa**

COMMON NAMES: A long-jawed orb weaver

ARCTOS RECORDS: [KNWR:Ento:3329](#), [KNWR:Ento:6487](#), [KNWR:Ento:6579](#)**Tetragnatha laboriosa**ARCTOS RECORDS: [KNWR:Ento:3382](#), [KNWR:Ento:6456](#), [UAM:Ento:95516](#)**Family Theridiidae****Enoplognatha intrepida**

COMMON NAMES: A cobweb spider

Robertus crosbyi

COMMON NAMES: A cobweb spider

ARCTOS RECORDS: [KNWR:Ento:6583](#)**Rugathodes aurantius**

COMMON NAMES: A cobweb spider

ARCTOS RECORDS: [KNWR:Ento:3491](#), [KNWR:Ento:6423](#), [KNWR:Ento:6424](#), [KNWR:Ento:6435](#), [KNWR:Ento:6480](#), [KNWR:Ento:6490](#), [KNWR:Ento:6516](#), [KNWR:Ento:6551](#), [KNWR:Ento:6557](#), [KNWR:Ento:6599](#), [KNWR:Ento:6603](#), [KNWR:Ento:6606](#), [KNWR:Ento:6614](#), [KNWR:Ento:6617](#), [KNWR:Ento:6623](#), [KNWR:Ento:6626](#), [KNWR:Ento:6642](#), [KNWR:Ento:6660](#)**Steatoda borealis**

COMMON NAMES: A cobweb spider

ARCTOS RECORDS: [KNWR:Ento:7131](#)**Theridion montanum**

COMMON NAMES: A cobweb spider

ARCTOS RECORDS: [KNWR:Ento:3789](#), [KNWR:Ento:6421](#), [KNWR:Ento:6427](#), [KNWR:Ento:6429](#), [KNWR:Ento:6437](#), [KNWR:Ento:6444](#),

KNWR:Ento:6447, KNWR:Ento:6450, KNWR:Ento:6459, KNWR:Ento:6475, KNWR:Ento:6477, KNWR:Ento:6493, KNWR:Ento:6498, KNWR:Ento:6499, KNWR:Ento:6501, KNWR:Ento:6512, KNWR:Ento:6533, KNWR:Ento:6550, KNWR:Ento:6554, KNWR:Ento:6563, KNWR:Ento:6571, KNWR:Ento:6610, KNWR:Ento:6622, KNWR:Ento:6629, KNWR:Ento:6633, KNWR:Ento:6636, KNWR:Ento:6654, KNWR:Ento:6657

Theridion ohlerti

COMMON NAMES: A cobweb spider

ARCTOS RECORDS: KNWR:Ento:3943, KNWR:Ento:6461, KNWR:Ento:6474, KNWR:Ento:6510, KNWR:Ento:6534, KNWR:Ento:6538, KNWR:Ento:6548, KNWR:Ento:6561, KNWR:Ento:6567, KNWR:Ento:6575, KNWR:Ento:6591, KNWR:Ento:6618, KNWR:Ento:6631, KNWR:Ento:6637

Theridion pictum

COMMON NAMES: A cobweb spider

ARCTOS RECORDS: KNWR:Ento:6466, KNWR:Ento:6485, KNWR:Ento:6528, KNWR:Ento:6566, KNWR:Ento:6581, KNWR:Ento:6628

Family Thomisidae

Bassaniana utahensis

ARCTOS RECORDS: KNWR:Ento:1723

Misumena vatia

ARCTOS RECORDS: KNWR:Ento:3364

Order Ixodida

Family Ixodidae

Ixodes angustus

COMMON NAMES: Vole tick

Order Opiliones

Family Phalangidae

†Phalangium opilio

ARCTOS RECORDS: KNWR:Ento:10649, KNWR:Ento:10788

Family Sclerosomatidae

Leptobunus borealis

ARCTOS RECORDS: KNWR:Ento:10647

Mitopus morio

ARCTOS RECORDS: KNWR:Ento:6799, UAM:Ento:94515

Nelima paessleri

Order Sarcoptiformes

Family Eremaeidae

Eremaeus translamellatus

COMMON NAMES: An oribatid mite

Family Nothridae

Nothrus borussicus

Order Trombidiformes

Family Erythraeidae

Erythraeus tonsus

Class Branchiopoda

Order Diplostraca

Family Chydoridae

Eurycercus longirostris

Class Chilopoda

Order Geophilomorpha

Family Linotaeniidae

Strigamia chionophila

COMMON NAMES: A soil centipede

ARCTOS RECORDS: KNWR:Ento:7804

Order Lithobiomorpha

Family Lithobiidae

Lithobius stejnegeri

ARCTOS RECORDS: UAMObs:Ento:108395

Class Collembola

Order Collembola

Family Bourletiellidae

Pseudobourletiella spinata

Family Entomobryidae

Entomobrya nivalis

ARCTOS RECORDS: KNWR:Ento:7625

Family Isotomidae

Weberacantha octa

COMMON NAMES: A springtail

Family Neelidae

Megalothorax minimus

COMMON NAMES: A minute springtail

Family Onychiuridae

Hymenaphorura nearctica

Class Insecta

Order Coleoptera

Family Buprestidae

Melanophila acuminata

Family Cantharidae

Dichelotarsus tetragonoderus

COMMON NAMES: A soldier beetle

Family Carabidae

Amara alpina

ARCTOS RECORDS: UAM:Ento:111995

Amara obesa

ARCTOS RECORDS: UAM:Ento:111998

Blethisa quadricollis

ARCTOS RECORDS: UAM:Ento:144696

Calathus advena

ARCTOS RECORDS: KNWR:Ento:1427, KNWR:Ento:1428, UAM:Ento:111499, UAM:Ento:111888, UAM:Ento:111889, UAM:Ento:111890, UAM:Ento:111891, UAM:Ento:111892, UAM:Ento:111893,

UAM:Ento:111894, UAM:Ento:111895, UAM:Ento:111896, UAM:Ento:111897, UAM:Ento:111898, UAM:Ento:111899, UAM:Ento:111900, UAM:Ento:111901, UAM:Ento:111902, UAM:Ento:111903, UAM:Ento:111904, UAM:Ento:111905, UAM:Ento:111906, UAM:Ento:111907, UAM:Ento:111908, UAM:Ento:111909, UAM:Ento:111910, UAM:Ento:111911, UAM:Ento:111912, UAM:Ento:111913, UAM:Ento:111914, UAM:Ento:111915, UAM:Ento:111916, UAM:Ento:111917, UAM:Ento:111918, UAM:Ento:111919, UAM:Ento:111920, UAM:Ento:111921, UAM:Ento:111922, UAM:Ento:111923, UAM:Ento:111924, UAM:Ento:111925, UAM:Ento:111926, UAM:Ento:111927, UAM:Ento:111928, UAM:Ento:111929, UAM:Ento:111930, UAM:Ento:111979

Calathus ingratus

ARCTOS RECORDS: KNWR:Ento:6802, UAM:Ento:111500, UAM:Ento:111643, UAM:Ento:111977, UAM:Ento:111978, UAM:Ento:113325, UAM:Ento:256936

Carabus chamissonis

ARCTOS RECORDS: UAM:Ento:111884

Carabus taedatus

ARCTOS RECORDS: KNWR:Ento:1425

Notiophilus aquaticus

COMMON NAMES: A ground beetle
ARCTOS RECORDS: UAM:Ento:254813

Patrobus foveocollis

ARCTOS RECORDS: KNWR:Ento:6800

Platynus decentis

ARCTOS RECORDS: KNWR:Ento:6801

Pterostichus adstrictus

ARCTOS RECORDS: KNWR:Ento:1426, KNWR:Ento:6803, UAM:Ento:112033, UAM:Ento:113355

Pterostichus brevicornis

COMMON NAMES: A ground beetle
ARCTOS RECORDS: KNWR:Ento:1231, KNWR:Ento:1232, KNWR:Ento:1406

Pterostichus riparius

COMMON NAMES: A ground beetle
ARCTOS RECORDS: KNWR:Ento:1405

Scaphinotus marginatus

ARCTOS RECORDS: UAM:Ento:111644, UAM:Ento:111749, UAM:Ento:111750, UAM:Ento:111751, UAM:Ento:111752, UAM:Ento:111753, UAM:Ento:111754, UAM:Ento:111755, UAM:Ento:111756, UAM:Ento:111757, UAM:Ento:111758, UAM:Ento:111760, UAM:Ento:111761, UAM:Ento:111762, UAM:Ento:111763, UAM:Ento:111764, UAM:Ento:111765, UAM:Ento:111766, UAM:Ento:111767, UAM:Ento:111768, UAM:Ento:111769, UAM:Ento:111770, UAM:Ento:111771, UAM:Ento:111772, UAM:Ento:111774, UAM:Ento:111775, UAM:Ento:111776, UAM:Ento:111777, UAM:Ento:111778, UAM:Ento:111779, UAM:Ento:111781, UAM:Ento:111782, UAM:Ento:111783, UAM:Ento:111785, UAM:Ento:111786, UAM:Ento:111787, UAM:Ento:111788, UAM:Ento:111789, UAM:Ento:111790, UAM:Ento:111791, UAM:Ento:111793, UAM:Ento:111794, UAM:Ento:111795, UAM:Ento:111796, UAM:Ento:111797, UAM:Ento:111798, UAM:Ento:111799, UAM:Ento:111801, UAM:Ento:111802, UAM:Ento:111803, UAM:Ento:111804, UAM:Ento:111805, UAM:Ento:111806, UAM:Ento:111807, UAM:Ento:111808, UAM:Ento:111809, UAM:Ento:111810, UAM:Ento:111811, UAM:Ento:111812, UAM:Ento:111813, UAM:Ento:111814, UAM:Ento:111815, UAM:Ento:111816, UAM:Ento:111817, UAM:Ento:111818, UAM:Ento:111819, UAM:Ento:111820, UAM:Ento:111821, UAM:Ento:111822, UAM:Ento:111823, UAM:Ento:111824, UAM:Ento:111825, UAM:Ento:111826, UAM:Ento:111827, UAM:Ento:111828, UAM:Ento:111829, UAM:Ento:111830, UAM:Ento:111832, UAM:Ento:111833,

UAM:Ento:111835, UAM:Ento:111836, UAM:Ento:111837, UAM:Ento:111838, UAM:Ento:111839, UAM:Ento:111840, UAM:Ento:111841, UAM:Ento:111842, UAM:Ento:111843, UAM:Ento:111844, UAM:Ento:111845, UAM:Ento:111846, UAM:Ento:111847, UAM:Ento:111848, UAM:Ento:111849, UAM:Ento:111850, UAM:Ento:111851, UAM:Ento:111852, UAM:Ento:111853, UAM:Ento:111854, UAM:Ento:111855, UAM:Ento:111856, UAM:Ento:111857, UAM:Ento:111858, UAM:Ento:111859, UAM:Ento:111860, UAM:Ento:111861, UAM:Ento:111862, UAM:Ento:111863, UAM:Ento:111864, UAM:Ento:111865, UAM:Ento:111866, UAM:Ento:111867, UAM:Ento:111868, UAM:Ento:111869, UAM:Ento:111870, UAM:Ento:111871, UAM:Ento:111872, UAM:Ento:111873, UAM:Ento:111874, UAM:Ento:111875, UAM:Ento:111877, UAM:Ento:111878, UAM:Ento:111879, UAM:Ento:111880, UAM:Ento:111881

Trechus chalybeus

ARCTOS RECORDS: UAM:Ento:256935, UAM:Ento:256937

Family Cerambycidae

Judolia montivagans

ARCTOS RECORDS: UAM:Ento:112187, UAM:Ento:112188, UAM:Ento:112194

Monochamus scutellatus

COMMON NAMES: White-spotted pine sawyer

Pachyta lamed

Tetropium parvulum

Xylotrechus undulatus

COMMON NAMES: Spruce zebra beetle

Family Chrysomelidae

Bromius obscurus

ARCTOS RECORDS: KNWR:Ento:6798

Galerucella nymphaeae

COMMON NAMES: Waterlily leaf beetle
ARCTOS RECORDS: KNWR:Ento:1421, UAM:Ento:110848, UAM:Ento:110849, UAM:Ento:110850, UAM:Ento:110851, UAM:Ento:292297, UAM:Ento:292298, UAM:Ento:292299, UAM:Ento:292300, UAM:Ento:292301, UAM:Ento:292302

Phratora hudsoniana

Plateumaris flavipes

COMMON NAMES: A leaf beetle
ARCTOS RECORDS: KNWR:Ento:5342

Plateumaris germari

COMMON NAMES: A leaf beetle

Family Coccinellidae

Anisosticta borealis

ARCTOS RECORDS: UAM:Ento:13937

Calvia quatuordecimguttata

ARCTOS RECORDS: KNWR:Ento:4919, KNWR:Ento:8348, UAM:Ento:110847

Ceratomegilla ulkei

ARCTOS RECORDS: UAM:Ento:79268

Coccinella trifasciata

COMMON NAMES: Ladybird beetle
ARCTOS RECORDS: UAM:Ento:113558

Hippodamia falcigera

COMMON NAMES: Waterside ladybug
ARCTOS RECORDS: UAM:Ento:112199, UAM:Ento:112200

Family Cryptophagidae**Atomaria fimetarii****Family Cucujidae****Cucujus clavipes**

COMMON NAMES: Red flat bark beetle

Family Curculionidae**Cryphalus ruficollis****Dendroctonus rufipennis**

COMMON NAMES: Spruce beetle

Dorytomus leucophyllus**Dorytomus luridus**

COMMON NAMES: A weevil

ARCTOS RECORDS: [KNWR:Ento:4523](#), [KNWR:Ento:4524](#), [KNWR:Ento:4525](#)**Dorytomus mannerheimi**

COMMON NAMES: A weevil

ARCTOS RECORDS: [KNWR:Ento:4630](#)**Dryocoetes affaber****Dryocoetes autographus****Dryocoetes caryi**†**Glocianus punctiger****Ips borealis****Ips perturbatus****Isochnus flagellum**ARCTOS RECORDS: [KNWR:Ento:4077](#), [KNWR:Ento:5526](#)**Lepyrus gemellus**ARCTOS RECORDS: [KNWR:Ento:1430](#)†**Otiorhynchus ovatus**

COMMON NAMES: Strawberry root weevil

ARCTOS RECORDS: [KNWR:Ento:10797](#)**Phloeotribus piceae****Pityophthorus nitidulus****Polygraphus rufipennis**ARCTOS RECORDS: [KNWR:Ento:10400](#), [KNWR:Ento:10401](#), [KNWR:Ento:10402](#), [KNWR:Ento:10404](#), [KNWR:Ento:10405](#), [KNWR:Ento:10406](#), [KNWR:Ento:10408](#), [KNWR:Ento:10409](#), [KNWR:Ento:10410](#), [UAM:Ento:313752](#), [UAM:Ento:313754](#), [UAM:Ento:313755](#), [UAM:Ento:313757](#), [UAM:Ento:313758](#), [UAM:Ento:313759](#), [UAM:Ento:313760](#), [UAM:Ento:313761](#), [UAM:Ento:313762](#)**Scierus pubescens****Sthereus quadrituberculatus**ARCTOS RECORDS: [KNWR:Ento:5886](#)**Trichalophus alternatus**ARCTOS RECORDS: [KNWR:Ento:10396](#), [KNWR:Ento:1429](#), [KNWR:Ento:7952](#)**Trypodendron lineatum**

COMMON NAMES: Striped ambrosia beetle

Trypodendron retusum**Trypodendron rufitarsus****Xylechinus montanus****Family Dermestidae**†**Dermestes lardarius**

COMMON NAMES: Larder beetle

Megatoma cylindrica**Family Dytiscidae****Acilius semisulcatus****Agabus anthracinus****Agabus bifarius****Agabus confinis****Agabus inscriptus****Agabus semipunctatus****Agabus tristis****Dytiscus circumcinctus****Dytiscus dauricus****Dytiscus harrisii****Hydroporus badiellus****Hydroporus dentellus****Hydroporus lapponum****Hydroporus morio****Hydroporus nigellus****Hydroporus notabilis****Hydroporus obscurus****Hydroporus puberulus****Hydroporus rectus****Hydroporus striola****Hydroporus tristis****Hygrotus compar****Hygrotus impressopunctatus****Hygrotus novemlineatus****Hygrotus picatus****Hygrotus turbidus****Ilybius angustior****Ilybius discedens****Ilybius erichsoni****Ilybius hypomelas****Ilybius picipes****Liodesus obscurellus****Oreodytes dauricus****Oreodytes laevis****Family Elateridae****Athous rufiventris**ARCTOS RECORDS: [KNWR:Ento:3963](#)**Ctenicera kendalli**ARCTOS RECORDS: [UAM:Ento:112038](#)**Ctenicera ochreipennis****Ctenicera resplendens****Ctenicera watsoni**

Hypnoidus bicolor**Sericus incongruus**

ARCTOS RECORDS: [KNWR:Ento:3767](#), [UAM:Ento:111045](#), [UAM:Ento:111539](#)

Family Eucnemidae**Epiphanis cornutus****Family Gyrinidae****Gyrinus maculiventris****Gyrinus minutus****Gyrinus opacus****Gyrinus picipes****Family Laemophloeidae****Leptophloeus sp.**

ARCTOS RECORDS: [KNWR:Ento:7945](#)

Family Latridiidae**Corticaria ferruginea**

ARCTOS RECORDS: [KNWR:Ento:4568](#)

Enicmus mimus

ARCTOS RECORDS: [KNWR:Ento:7943](#), [KNWR:Ento:7944](#), [UAM:Ento:282612](#)

Stephostethus armatulus

ARCTOS RECORDS: [KNWR:Ento:4829](#)

Family Leiodidae**Anisotoma globososa****Catops alpinus****Catops basilaris****Catops egenus****Catops luridipennis****Leptinillus validus**

ARCTOS RECORDS: [KNWR:Ento:10672](#), [KNWR:Ento:10673](#), [UAM:Ento:311320](#)

Family Lycidae**Eros aurora****Family Melandryidae****Xylita laevigata****Family Monotomidae****Rhizophagus dimidiatus****Family Nitidulidae****Glischrochilus vittatus**

ARCTOS RECORDS: [KNWR:Ento:7807](#), [UAM:Ento:282615](#)

Family Ptinidae**†Ptinus raptor**

COMMON NAMES: Eastern spider beetle

ARCTOS RECORDS: [KNWR:Ento:10792](#)

Family Pyrochroidae**Dendroides ephemeroidea**

ARCTOS RECORDS: [KNWR:Ento:6804](#)

Family Pythidae**Priognathus monilicornis**

ARCTOS RECORDS: [KNWR:Ento:1708](#) BOLD RECORDS: [MOBIL1241-16](#)

Family Scarabaeidae**Agoliinus piceatus**

ARCTOS RECORDS: [KNWR:Ento:1750](#), [UAM:Ento:94512](#)

Aphodius congregatus**Caelius browni****Family Scaptiidae****Anaspis rufa**

ARCTOS RECORDS: [KNWR:Ento:6797](#)

Family Silphidae**Nicrophorus investigator****Nicrophorus vespilloides****Family Silvanidae****Dendrophagus cygnaei**

ARCTOS RECORDS: [UAM:Ento:110488](#), [UAM:Ento:110489](#), [UAM:Ento:113185](#)

Family Staphylinidae**Acidota quadrata****Olisthaerus megacephalus****Pelecomalium testaceum**

ARCTOS RECORDS: [KNWR:Ento:1663](#), [KNWR:Ento:4207](#)

Quedius plagiatus**Scaphium castanipes****Tachinus quebecensis**

BOLD RECORDS: [MOBIL1589-16](#)

Family Stenotrachelidae**Stenotrachelus aeneus**

ARCTOS RECORDS: [KNWR:Ento:7709](#)

Family Tenebrionidae**Upis ceramboides**

ARCTOS RECORDS: [KNWR:Ento:8943](#), [KNWR:Ento:8944](#), [UAM:Ento:112389](#), [UAM:Ento:112400](#)

Family Trachypachidae**Trachypachus holmbergi****Family Trogossitidae****Ostoma columbiana****Ostoma ferruginea****Order Diptera****Family Anisopodidae****Sylvicola fuscatus**

COMMON NAMES: A window gnat

ARCTOS RECORDS: [KNWR:Ento:2045](#), [KNWR:Ento:4167](#), [KNWR:Ento:5055](#), [KNWR:Ento:5511](#)

Family Anthomyiidae

Botanophila rubrigena

ARCTOS RECORDS: [KNWR:Ento:2264](#)

Delia alaba

ARCTOS RECORDS: [KNWR:Ento:7645](#)

Delia bucculenta

ARCTOS RECORDS: [KNWR:Ento:6062](#)

Delia echinata

ARCTOS RECORDS: [KNWR:Ento:3633](#)

Delia extensa

ARCTOS RECORDS: [KNWR:Ento:10031](#)

Delia lineariventris

ARCTOS RECORDS: [KNWR:Ento:2265](#), [KNWR:Ento:3840](#), [KNWR:Ento:3848](#), [KNWR:Ento:3955](#), [KNWR:Ento:4423](#), [KNWR:Ento:4426](#), [KNWR:Ento:4428](#), [KNWR:Ento:4442](#), [KNWR:Ento:4447](#), [KNWR:Ento:4448](#), [KNWR:Ento:4450](#), [KNWR:Ento:4641](#), [KNWR:Ento:4756](#), [KNWR:Ento:4998](#), [KNWR:Ento:4999](#), [KNWR:Ento:5770](#), [KNWR:Ento:5771](#), [KNWR:Ento:7384](#), [KNWR:Ento:7397](#), [KNWR:Ento:7398](#), [KNWR:Ento:7404](#)

Delia prostriata

Pegomya flavoscutellata

BOLD RECORDS: [MOBIL1415-16](#)

Zaphne borealis

ARCTOS RECORDS: [KNWR:Ento:7272](#)

Zaphne lineatocollis

ARCTOS RECORDS: [KNWR:Ento:7240](#)

Zaphne zetterstedtii

Family Anthomyzidae

Anthomyza #2

Anthomyza #2west bold:aav7621

Anthomyza #4 bold:aal8100

Anthomyza #8b

Anthomyza #9a bold:aav7620

Anthomyza tenuis

ARCTOS RECORDS: [KNWR:Ento:1816](#), [KNWR:Ento:1818](#), [KNWR:Ento:5638](#)

Arganthomyza duplex

ARCTOS RECORDS: [KNWR:Ento:5453](#), [KNWR:Ento:5958](#)

Family Asteiidae

Leiomyza curvinervis

COMMON NAMES: An asteiid fly

ARCTOS RECORDS: [KNWR:Ento:5232](#), [KNWR:Ento:5234](#), [KNWR:Ento:5449](#), [KNWR:Ento:5452](#) BOLD RECORDS: [DKNWR071-11](#) GENBANK SEQUENCES: [JN582217](#)

Family Bibionidae

Biblio longipes

ARCTOS RECORDS: [KNWR:Ento:1727](#), [KNWR:Ento:1728](#), [KNWR:Ento:1729](#), [KNWR:Ento:1730](#), [KNWR:Ento:1731](#), [KNWR:Ento:1732](#), [KNWR:Ento:1733](#), [KNWR:Ento:1734](#)

Biblio rufipes

ARCTOS RECORDS: [KNWR:Ento:4414](#), [UAM:Ento:282613](#)

Dilophus femoratus

ARCTOS RECORDS: [KNWR:Ento:1496](#), [KNWR:Ento:1700](#), [KNWR:Ento:1765](#), [KNWR:Ento:1766](#), [KNWR:Ento:1767](#), [KNWR:Ento:1768](#), [KNWR:Ento:1769](#), [KNWR:Ento:1970](#), [KNWR:Ento:1971](#), [KNWR:Ento:1972](#), [KNWR:Ento:1973](#), [KNWR:Ento:1974](#), [KNWR:Ento:1975](#), [KNWR:Ento:1976](#), [KNWR:Ento:2156](#), [KNWR:Ento:2280](#), [KNWR:Ento:2417](#), [KNWR:Ento:2621](#), [KNWR:Ento:2676](#), [KNWR:Ento:2847](#), [KNWR:Ento:2862](#), [KNWR:Ento:2863](#), [KNWR:Ento:2864](#), [KNWR:Ento:2865](#), [KNWR:Ento:2866](#), [KNWR:Ento:2867](#), [KNWR:Ento:2868](#), [KNWR:Ento:2869](#), [KNWR:Ento:2870](#), [KNWR:Ento:2871](#), [KNWR:Ento:2872](#), [KNWR:Ento:2873](#), [KNWR:Ento:2874](#), [KNWR:Ento:3254](#), [KNWR:Ento:3255](#), [KNWR:Ento:3349](#), [KNWR:Ento:3484](#), [KNWR:Ento:3507](#), [KNWR:Ento:3508](#), [KNWR:Ento:3509](#), [KNWR:Ento:3556](#), [KNWR:Ento:3557](#), [KNWR:Ento:3603](#), [KNWR:Ento:3794](#), [KNWR:Ento:3795](#), [KNWR:Ento:4703](#), [KNWR:Ento:4704](#), [KNWR:Ento:4732](#), [KNWR:Ento:4733](#), [KNWR:Ento:5076](#), [KNWR:Ento:5077](#), [KNWR:Ento:5078](#), [KNWR:Ento:5131](#), [KNWR:Ento:5132](#), [KNWR:Ento:5200](#), [KNWR:Ento:5218](#), [KNWR:Ento:5266](#)

Hesperinus brevifrons

ARCTOS RECORDS: [KNWR:Ento:6781](#), [UAM:Ento:137726](#), [UAM:Ento:137747](#), [UAM:Ento:137748](#), [UAM:Ento:137749](#), [UAM:Ento:137750](#), [UAM:Ento:137751](#), [UAM:Ento:137752](#), [UAM:Ento:137753](#), [UAM:Ento:137754](#), [UAM:Ento:137755](#), [UAM:Ento:282610](#)

Family Bolithophilidae

Bolithophila sp. bold:aav0668

Family Calliphoridae

Calliphora vomitoria

COMMON NAMES: Blue bottle fly

ARCTOS RECORDS: [KNWR:Ento:8776](#)

Cynomya cadaverina

COMMON NAMES: Shiny blue bottle fly

Pollenia vagabunda

ARCTOS RECORDS: [KNWR:Ento:10689](#), [KNWR:Ento:10691](#), [KNWR:Ento:10692](#), [KNWR:Ento:10693](#), [KNWR:Ento:10694](#), [KNWR:Ento:10695](#), [KNWR:Ento:10696](#), [KNWR:Ento:10697](#), [KNWR:Ento:10698](#), [KNWR:Ento:10699](#), [KNWR:Ento:10700](#), [KNWR:Ento:10703](#), [KNWR:Ento:10704](#), [KNWR:Ento:10705](#), [KNWR:Ento:10706](#), [KNWR:Ento:10707](#), [KNWR:Ento:10708](#), [KNWR:Ento:10709](#), [KNWR:Ento:10710](#), [KNWR:Ento:10711](#), [KNWR:Ento:10712](#), [KNWR:Ento:10713](#), [KNWR:Ento:10714](#), [KNWR:Ento:10715](#), [KNWR:Ento:10716](#), [KNWR:Ento:10717](#), [KNWR:Ento:10718](#), [KNWR:Ento:10719](#), [KNWR:Ento:10720](#), [KNWR:Ento:10721](#), [KNWR:Ento:10722](#), [KNWR:Ento:10727](#), [KNWR:Ento:10732](#), [KNWR:Ento:10734](#), [KNWR:Ento:10736](#), [KNWR:Ento:10737](#), [KNWR:Ento:10746](#), [UAM:Ento:310989](#), [UAM:Ento:310990](#), [UAM:Ento:310991](#), [UAM:Ento:310992](#), [UAM:Ento:310994](#), [UAM:Ento:311313](#), [UAM:Ento:311314](#), [UAM:Ento:311315](#)

Protophormia terraenovae

COMMON NAMES: Northern blowfly

ARCTOS RECORDS: [UAM:Ento:256830](#)

Family Cecidomyiidae

Rabdophaga rigidae

BOLD RECORDS: [MOBIL1245-16](#), [MOBIL1216-16](#)

Rabdophaga sp. bold:acz0652

Rabdophaga sp. bold:ada9342

BOLD RECORDS: [MOBIL1215-16](#), [MOBIL1246-16](#)

Family Chironomidae

Cricotopus annulator

Cricotopus tremulus

Eukiefferiella claripennis

Eukiefferiella coerulescens

Eukiefferiella ilkleyensis

Heterotrissocladus boltoni

Hydrobaenus fusistylus

Krenosmittia halvorseni

Micropsectra nigriperla

Nanocladius spiniplenus

Orthocladus appersoni

Orthocladus curtisetia

Orthocladus frigidus

Orthocladus luteipes

Orthocladus oblidens

Orthocladus odumbratus

Orthocladus pedestalis

Orthocladus rivicola

Orthocladus rivulorum

Parorthocladus nigriritus

Polypedilum albicorne

Psilometriocnemus triannulatus

Synorthocladus semivirens

Tvetenia calvescens

Family Chloropidae

Chlorops sahlbergii

ARCTOS RECORDS: [KNWR:Ento:1825](#), [KNWR:Ento:2143](#), [KNWR:Ento:4243](#), [KNWR:Ento:4444](#), [KNWR:Ento:5801](#), [UAM:Ento:282608](#)

Thaumatomyia trifasciata

ARCTOS RECORDS: [KNWR:Ento:2909](#), [KNWR:Ento:2910](#), [KNWR:Ento:2912](#), [KNWR:Ento:2913](#), [KNWR:Ento:2915](#), [UAM:Ento:282609](#)

Family Culicidae

Aedes abserratus

BOLD RECORDS: [MOBIL1404-16](#)

Aedes diantaeus

Culiseta impatiens

ARCTOS RECORDS: [KNWR:Ento:10415](#)

Family Dolichopodidae

Argyra currani

ARCTOS RECORDS: [KNWR:Ento:2935](#)

Campsicnemus alaskensis

Campsicnemus claudicans

ARCTOS RECORDS: [KNWR:Ento:7855](#)

Dolichopus detersus

ARCTOS RECORDS: [KNWR:Ento:7851](#)

Dolichopus latipennis

ARCTOS RECORDS: [KNWR:Ento:2963](#), [KNWR:Ento:2978](#), [KNWR:Ento:2981](#)

Dolichopus plumipes

ARCTOS RECORDS: [KNWR:Ento:2934](#), [KNWR:Ento:2936](#), [KNWR:Ento:2941](#), [KNWR:Ento:2948](#), [KNWR:Ento:2949](#), [KNWR:Ento:2958](#), [KNWR:Ento:2966](#), [KNWR:Ento:6056](#), [KNWR:Ento:6057](#), [KNWR:Ento:6058](#), [KNWR:Ento:6060](#)

Dolichopus remipes

ARCTOS RECORDS: [KNWR:Ento:6783](#), [KNWR:Ento:7849](#), [KNWR:Ento:7850](#)

Dolichopus stenhammari

ARCTOS RECORDS: [KNWR:Ento:5471](#), [KNWR:Ento:6785](#), [KNWR:Ento:7852](#), [KNWR:Ento:7853](#), [KNWR:Ento:7854](#)

Hydrophorus algens

Hydrophorus glaber

Medetera vockerothi

ARCTOS RECORDS: [KNWR:Ento:7846](#)

Neurigona ciliata

ARCTOS RECORDS: [KNWR:Ento:6787](#), [KNWR:Ento:7856](#)

Rhaphium discolor

Rhaphium elegantulum

ARCTOS RECORDS: [KNWR:Ento:6786](#), [KNWR:Ento:7847](#)

Rhaphium femoratum

ARCTOS RECORDS: [KNWR:Ento:2937](#), [KNWR:Ento:2939](#), [KNWR:Ento:2942](#), [KNWR:Ento:2944](#), [KNWR:Ento:2945](#), [KNWR:Ento:2950](#), [KNWR:Ento:2951](#), [KNWR:Ento:2952](#), [KNWR:Ento:2953](#), [KNWR:Ento:2954](#), [KNWR:Ento:2959](#), [KNWR:Ento:2962](#), [KNWR:Ento:2964](#), [KNWR:Ento:2965](#), [KNWR:Ento:2967](#), [KNWR:Ento:2968](#), [KNWR:Ento:2969](#), [KNWR:Ento:2970](#), [KNWR:Ento:2972](#), [KNWR:Ento:2973](#), [KNWR:Ento:2974](#), [KNWR:Ento:2975](#), [KNWR:Ento:2977](#), [KNWR:Ento:2979](#), [KNWR:Ento:2980](#), [KNWR:Ento:2982](#), [KNWR:Ento:2983](#), [KNWR:Ento:2985](#), [KNWR:Ento:2986](#), [KNWR:Ento:2989](#), [KNWR:Ento:2990](#), [KNWR:Ento:2991](#), [KNWR:Ento:2992](#), [KNWR:Ento:2993](#), [KNWR:Ento:2994](#), [KNWR:Ento:2995](#), [KNWR:Ento:3053](#), [KNWR:Ento:7848](#)

Family Dryomyzidae

Helcomyza mirabilis

Family Empididae

Clinocera fuscipennis

COMMON NAMES: A dance fly

Empis lucida

COMMON NAMES: A dance fly

ARCTOS RECORDS: [KNWR:Ento:3239](#), [KNWR:Ento:4259](#), [KNWR:Ento:4963](#)

Iteaphila macquarti

COMMON NAMES: A dance fly

ARCTOS RECORDS: [KNWR:Ento:2515](#), [KNWR:Ento:4700](#)

Iteaphila orchestris

ARCTOS RECORDS: [KNWR:Ento:3485](#), [KNWR:Ento:4093](#), [KNWR:Ento:4623](#)

Iteaphila testacea

COMMON NAMES: A dance fly

ARCTOS RECORDS: [KNWR:Ento:3279](#)

Iteaphila triangula

COMMON NAMES: A dance fly

ARCTOS RECORDS: [KNWR:Ento:2887](#), [KNWR:Ento:3558](#)

Rhamphomyia acuta

COMMON NAMES: A dance fly

ARCTOS RECORDS: [KNWR:Ento:1495](#), [KNWR:Ento:1498](#), [KNWR:Ento:1503](#), [KNWR:Ento:1694](#), [KNWR:Ento:1697](#), [KNWR:Ento:1858](#)

KNWR:Ento:2157, KNWR:Ento:2416, KNWR:Ento:2683, KNWR:Ento:3559, KNWR:Ento:7860

Rhamphomyia anthracodes

COMMON NAMES: A dance fly

ARCTOS RECORDS: KNWR:Ento:7859

Rhamphomyia atrata

COMMON NAMES: A dance fly

ARCTOS RECORDS: KNWR:Ento:4025, KNWR:Ento:4026, KNWR:Ento:4823, KNWR:Ento:4865, KNWR:Ento:4996, KNWR:Ento:4997, KNWR:Ento:5179, KNWR:Ento:5180

Rhamphomyia auricoma

COMMON NAMES: A dance fly

Rhamphomyia barypoda

ARCTOS RECORDS: KNWR:Ento:3466, KNWR:Ento:3467, KNWR:Ento:3604, KNWR:Ento:4036, KNWR:Ento:4383, KNWR:Ento:5265

Rhamphomyia laticaura

Rhamphomyia praecipua

ARCTOS RECORDS: KNWR:Ento:2299, KNWR:Ento:2415, KNWR:Ento:2774, KNWR:Ento:2775, KNWR:Ento:2780, KNWR:Ento:2785, KNWR:Ento:3646, KNWR:Ento:3910, KNWR:Ento:4500, KNWR:Ento:4798, KNWR:Ento:4817, KNWR:Ento:4818, KNWR:Ento:4819, KNWR:Ento:4821, KNWR:Ento:4824, KNWR:Ento:4826, KNWR:Ento:4864, KNWR:Ento:5587, KNWR:Ento:5631, KNWR:Ento:5708

Rhamphomyia pusilla

COMMON NAMES: A dance fly

ARCTOS RECORDS: KNWR:Ento:2601

Rhamphomyia rivalis

COMMON NAMES: A dance fly

ARCTOS RECORDS: KNWR:Ento:1968

Family Ephydriidae

Allotrichoma bezzii

ARCTOS RECORDS: KNWR:Ento:10607

Coenia curvicauda

ARCTOS RECORDS: KNWR:Ento:10573

Dichaeta caudata

ARCTOS RECORDS: KNWR:Ento:10514, KNWR:Ento:10542

Discocerina obscurella

ARCTOS RECORDS: KNWR:Ento:10603

Ditrichophora occidentalis

ARCTOS RECORDS: KNWR:Ento:10596, KNWR:Ento:10597, KNWR:Ento:10600, KNWR:Ento:10601, KNWR:Ento:10602, KNWR:Ento:10614, KNWR:Ento:10615, KNWR:Ento:10624, KNWR:Ento:10628

Ephydra riparia

ARCTOS RECORDS: KNWR:Ento:3001

Gymnoclasiopa bohemanni

ARCTOS RECORDS: KNWR:Ento:10590, KNWR:Ento:10592, KNWR:Ento:10595, KNWR:Ento:10610, KNWR:Ento:10626

Gymnoclasiopa parilis

ARCTOS RECORDS: KNWR:Ento:10593, KNWR:Ento:10613, KNWR:Ento:10618, KNWR:Ento:10625

Gymnoclasiopa tacoma

ARCTOS RECORDS: KNWR:Ento:10606, KNWR:Ento:10608, KNWR:Ento:10617, KNWR:Ento:10619, KNWR:Ento:10622, KNWR:Ento:10623

Hyadina binotata

ARCTOS RECORDS: KNWR:Ento:10013, KNWR:Ento:10591, KNWR:Ento:10599, KNWR:Ento:10604, KNWR:Ento:10605, KNWR:Ento:10609, KNWR:Ento:10611, KNWR:Ento:10616, KNWR:Ento:10621

Hydrellia morrisoni

ARCTOS RECORDS: KNWR:Ento:2998

Hydrellia sp. iv

ARCTOS RECORDS: KNWR:Ento:7470

Hydrellia tibialis

ARCTOS RECORDS: KNWR:Ento:10519, KNWR:Ento:10530, KNWR:Ento:10554, KNWR:Ento:10557, KNWR:Ento:10577, KNWR:Ento:10579, KNWR:Ento:10582

Ilythea spilota

ARCTOS RECORDS: KNWR:Ento:10012, KNWR:Ento:10598, KNWR:Ento:10627

Lamproscatella occidentalis

ARCTOS RECORDS: KNWR:Ento:10508, KNWR:Ento:10512, KNWR:Ento:10522

Lytogaster obscura

ARCTOS RECORDS: KNWR:Ento:3008, KNWR:Ento:3028, KNWR:Ento:3030, KNWR:Ento:3059, KNWR:Ento:3069, KNWR:Ento:3073, KNWR:Ento:3083, KNWR:Ento:3122, KNWR:Ento:3126, KNWR:Ento:3133, KNWR:Ento:3142, UAM:Ento:282614

Notiphila loewi

ARCTOS RECORDS: KNWR:Ento:10560, KNWR:Ento:10561, KNWR:Ento:10569, KNWR:Ento:10572, KNWR:Ento:10576

Notiphila uliginosa

ARCTOS RECORDS: KNWR:Ento:10536, KNWR:Ento:10546, KNWR:Ento:10550, KNWR:Ento:10568, KNWR:Ento:10570, KNWR:Ento:10571, KNWR:Ento:10588, KNWR:Ento:2996, KNWR:Ento:2997, KNWR:Ento:3007, KNWR:Ento:3013, KNWR:Ento:3014, KNWR:Ento:3015, KNWR:Ento:3016, KNWR:Ento:3017, KNWR:Ento:3018, KNWR:Ento:3023, KNWR:Ento:3032, KNWR:Ento:3043, KNWR:Ento:3045, KNWR:Ento:3046, KNWR:Ento:3047, KNWR:Ento:3048, KNWR:Ento:3051, KNWR:Ento:3055, KNWR:Ento:3057, KNWR:Ento:3058, KNWR:Ento:3061, KNWR:Ento:3062, KNWR:Ento:3064, KNWR:Ento:3065, KNWR:Ento:3068, KNWR:Ento:3071, KNWR:Ento:3072, KNWR:Ento:3082, KNWR:Ento:3085, KNWR:Ento:3091, KNWR:Ento:3102, KNWR:Ento:3107, KNWR:Ento:3119, KNWR:Ento:3121, KNWR:Ento:3125, KNWR:Ento:3127, KNWR:Ento:3129, KNWR:Ento:3130, KNWR:Ento:3132, KNWR:Ento:3134, KNWR:Ento:3138, KNWR:Ento:3139, KNWR:Ento:3144, KNWR:Ento:3150, KNWR:Ento:3155, KNWR:Ento:3160, KNWR:Ento:3161, KNWR:Ento:3163, KNWR:Ento:3164, KNWR:Ento:3167, KNWR:Ento:3170, KNWR:Ento:3171, KNWR:Ento:3172, KNWR:Ento:3175, KNWR:Ento:3176, KNWR:Ento:3182, KNWR:Ento:3184, KNWR:Ento:3187, KNWR:Ento:3192, KNWR:Ento:3193, KNWR:Ento:3198, KNWR:Ento:3200, KNWR:Ento:3203, KNWR:Ento:3204, KNWR:Ento:3207

Parydra aquila

ARCTOS RECORDS: KNWR:Ento:10532, KNWR:Ento:10547

Parydra fossarum

ARCTOS RECORDS: KNWR:Ento:3003, KNWR:Ento:3010, KNWR:Ento:3011, KNWR:Ento:3019, KNWR:Ento:3022, KNWR:Ento:3031, KNWR:Ento:3040, KNWR:Ento:3074, KNWR:Ento:3080, KNWR:Ento:3088, KNWR:Ento:3089, KNWR:Ento:3099, KNWR:Ento:3113, KNWR:Ento:3114, KNWR:Ento:3137, KNWR:Ento:3143, KNWR:Ento:3174, KNWR:Ento:3206, UAM:Ento:282604

Parydra quadriloba

ARCTOS RECORDS: KNWR:Ento:4078

Pelina canadensis

Ento:311778, UAM:Ento:311779, UAM:Ento:311780, UAM:Ento:311781, UAM:Ento:311782, UAM:Ento:311783, UAM:Ento:311791, UAM:Ento:311792, UAM:Ento:311793, UAM:Ento:311794, UAM:Ento:311795, UAM:Ento:311796, UAM:Ento:311797, UAM:Ento:311798, UAM:Ento:311799

Family Heleomyzidae

Heleomyza nebulosa

Suillia apicalis

ARCTOS RECORDS: KNWR:Ento:2117

Suillia convergens

ARCTOS RECORDS: KNWR:Ento:1189, KNWR:Ento:1191, KNWR:Ento:1541, KNWR:Ento:1790, KNWR:Ento:3280, KNWR:Ento:3281, KNWR:Ento:3282, KNWR:Ento:3283, KNWR:Ento:3284, KNWR:Ento:4489, KNWR:Ento:4872, KNWR:Ento:5748, UAM:Ento:282605

Family Hybotidae

Euthyneura sp. bold:aaf9859

ARCTOS RECORDS: KNWR:Ento:5962

Leptopeza flavipes

COMMON NAMES: A dance fly

ARCTOS RECORDS: KNWR:Ento:3469, KNWR:Ento:3470, KNWR:Ento:4385, KNWR:Ento:5235

Ocydromia glabricula

COMMON NAMES: A dance fly

ARCTOS RECORDS: KNWR:Ento:5138, KNWR:Ento:5961

Family Lauxaniidae

Lauxania shewelli

ARCTOS RECORDS: KNWR:Ento:1157, KNWR:Ento:1611, KNWR:Ento:1820, KNWR:Ento:1823, KNWR:Ento:2149, KNWR:Ento:2634, KNWR:Ento:4057, KNWR:Ento:4276, KNWR:Ento:4446, KNWR:Ento:4449, KNWR:Ento:4451, KNWR:Ento:4635, KNWR:Ento:4636, KNWR:Ento:4640, KNWR:Ento:4643, KNWR:Ento:4644, KNWR:Ento:4645, KNWR:Ento:4661, KNWR:Ento:4705, KNWR:Ento:4736, KNWR:Ento:4737, KNWR:Ento:4741, KNWR:Ento:4742, KNWR:Ento:4890, KNWR:Ento:4891, KNWR:Ento:4965, KNWR:Ento:4966, KNWR:Ento:4967, KNWR:Ento:4968, KNWR:Ento:4969, KNWR:Ento:4970, KNWR:Ento:4971, KNWR:Ento:4972, KNWR:Ento:4974, KNWR:Ento:5057, KNWR:Ento:5299

Sapromyza sp. taw1 bold:aag6931

Family Lonchopteridae

Lonchoptera uniseta

COMMON NAMES: One-haired pointed-winged fly

Family Muscidae

Coenosia cilicauda

ARCTOS RECORDS: KNWR:Ento:7270

Haematobosca alcis

COMMON NAMES: Moose fly

ARCTOS RECORDS: KNWR:Ento:2302, KNWR:Ento:4735, KNWR:Ento:5233, KNWR:Ento:5772, KNWR:Ento:5776, KNWR:Ento:5778

Mesembrina latreillii

ARCTOS RECORDS: KNWR:Ento:1707, KNWR:Ento:5940, KNWR:Ento:5944

Morellia podagrica

Muscina levida

Thricops diaphanus

ARCTOS RECORDS: KNWR:Ento:10286

Family Mycetophilidae

Boletina sp. bold:aav0669

Mycetophila sp. bold:aav4006

Sceptonia sp. cjb1 bold:aap8860

Tarnania tarnanii

SYNONYMS: Rymosia tarnanii

BOLD RECORDS: MOBIL1588-16

Family Opomyzidae

Geomyza sp.

ARCTOS RECORDS: KNWR:Ento:10515

Family Otitidae

Melieria cana

ARCTOS RECORDS: KNWR:Ento:3037, KNWR:Ento:6066, KNWR:Ento:6067, KNWR:Ento:6068, KNWR:Ento:6069, KNWR:Ento:6070, KNWR:Ento:6071, KNWR:Ento:6072, KNWR:Ento:6073, KNWR:Ento:6074, KNWR:Ento:6075, KNWR:Ento:6076, KNWR:Ento:6077, KNWR:Ento:6078, KNWR:Ento:6081

Family Pipunculidae

Cephalops furnaceus

ARCTOS RECORDS: UAM:Ento:97837

Chalarus sp. ak1 bold:aaz4904

Dorylomorpha albitarsis

ARCTOS RECORDS: KNWR:Ento:5442

Dorylomorpha spinosa

ARCTOS RECORDS: KNWR:Ento:4381, KNWR:Ento:4382, UAM:Ento:97839

Pipunculus hertzogi

ARCTOS RECORDS: KNWR:Ento:6768, UAM:Ento:97840

Tomosvaryella sp. ak3

Family Platypezidae

Lindneromyia agarici

Family Sciomyzidae

Pherbellia albocostata

ARCTOS RECORDS: KNWR:Ento:1771, KNWR:Ento:1791, KNWR:Ento:5952

Pherbellia schoenherri

ARCTOS RECORDS: KNWR:Ento:2036

Pherbellia tenuipes

ARCTOS RECORDS: KNWR:Ento:3682, KNWR:Ento:3823

Pteromicra sp.

ARCTOS RECORDS: KNWR:Ento:10580

Renocera brevis

Sepedon borealis

COMMON NAMES: Marsh fly

ARCTOS RECORDS: KNWR:Ento:5354

Tetanocera fuscinervis

ARCTOS RECORDS: KNWR:Ento:5353

Tetanocera montana

ARCTOS RECORDS: KNWR:Ento:1589

Tetanocera phyllophora

ARCTOS RECORDS: KNWR:Ento:3936, KNWR:Ento:6133, KNWR:Ento:6149

Tetanocera plebejaARCTOS RECORDS: [KNWR:Ento:6772](#)**Tetanocera silvatica**ARCTOS RECORDS: [KNWR:Ento:6771](#)**Family Sepsidae****Themira putris**

COMMON NAMES: A sepsid fly

Family Simuliidae**Prosimulium travisi**ARCTOS RECORDS: [KNWR:Ento:2140](#), [KNWR:Ento:2296](#), [KNWR:Ento:2297](#), [KNWR:Ento:2452](#), [KNWR:Ento:2453](#), [KNWR:Ento:2514](#), [KNWR:Ento:2548](#), [KNWR:Ento:2736](#), [KNWR:Ento:2809](#), [KNWR:Ento:2877](#), [KNWR:Ento:2878](#), [KNWR:Ento:3506](#), [KNWR:Ento:3725](#), [KNWR:Ento:3726](#), [KNWR:Ento:3742](#), [KNWR:Ento:3743](#), [KNWR:Ento:3744](#), [KNWR:Ento:3949](#), [KNWR:Ento:5128](#), [KNWR:Ento:5129](#)**Simulium rostratum****Simulium vittatum**

COMMON NAMES: Striped black fly

ARCTOS RECORDS: [KNWR:Ento:2881](#)**Family Stratiomyidae****Beris fuscipes**BOLD RECORDS: [MOBIL1244-16](#)**Beris hauseri**ARCTOS RECORDS: [KNWR:Ento:3677](#)**Nemotelus canadensis**ARCTOS RECORDS: [KNWR:Ento:3109](#)**Family Synneuridae****Synneuron decipiens**ARCTOS RECORDS: [KNWR:Ento:6788](#)**Family Syrphidae****Baccha elongata****Brachyopa ferruginea**

COMMON NAMES: Aspen hoverfly

Chalcosyrphus vecorsARCTOS RECORDS: [KNWR:Ento:10818](#)**Cheilosia lasiophthalmus****Doros aequalis**ARCTOS RECORDS: [KNWR:Ento:7130](#)**Lejops perfidiosus**ARCTOS RECORDS: [KNWR:Ento:6082](#)**Melangyna lasiophthalma****Melanostoma mellinum**ARCTOS RECORDS: [KNWR:Ento:2015](#), [KNWR:Ento:2288](#), [KNWR:Ento:4325](#)**Parasyrphus tarsatus**ARCTOS RECORDS: [KNWR:Ento:3891](#)**Platycheirus angustatus****Platycheirus modestus****Platycheirus rosarum****Sericomyia militaris**ARCTOS RECORDS: [KNWR:Ento:1564](#)**Sphaerophoria philanthus**ARCTOS RECORDS: [KNWR:Ento:3393](#) BOLD RECORDS: [DKNWR053-11](#) GENBANK SEQUENCES: [JN582251](#)**Syrphus vitripennis**ARCTOS RECORDS: [KNWR:Ento:1566](#)**Family Tabanidae****Chrysops nigripes****Hybomitra zonalis**ARCTOS RECORDS: [KNWR:Ento:2293](#)**Family Tachinidae****Siphona maculata**ARCTOS RECORDS: [KNWR:Ento:3634](#), [KNWR:Ento:3635](#), [KNWR:Ento:3796](#), [KNWR:Ento:4240](#), [KNWR:Ento:4744](#)**Family Tephritidae****Campiglossa farinata**ARCTOS RECORDS: [KNWR:Ento:2637](#), [KNWR:Ento:2640](#)**Family Tipulidae****Tipula entomophthorae**INATURALIST OBSERVATIONS: [2853091](#)**Tipula macrolabis****Family Xylophagidae****Xylophagus decorus**ARCTOS RECORDS: [KNWR:Ento:6767](#)**Order Ephemeroptera****Family Baetidae****Procloeon pennulatum**BOLD RECORDS: [MOBIL1429-16](#)**Family Leptophlebiidae****Paraleptophlebia debilis**ARCTOS RECORDS: [KNWR:Ento:10676](#)**Order Hemiptera****Family Acanthosomatidae****Elasmmostethus interstinctus**ARCTOS RECORDS: [KNWR:Ento:1578](#), [KNWR:Ento:3347](#), [KNWR:Ento:3657](#), [KNWR:Ento:6153](#) INATURALIST OBSERVATIONS: [1336308](#)**Family Aphididae****Amphorophora agathonica**

COMMON NAMES: Large raspberry aphid

Aphis varians**Boernerina occidentalis****Cavariella digitata****Cavariella salicis****Chaitophorus neglectus****Chaitophorus populifolii****Cinara fornacula**BOLD RECORDS: [MOBIL1414-16](#), [RDBAB1235-10](#)**Cinara nimbata**

Euceraphis papyrifericola**Macrosiphoniella oblonga****Macrosiphum euphorbiae****Macrosiphum insulare****Macrosiphum stanleyi****Muscaphis escherichi****Pachypappa rosettei****Tamalia coweni**ARCTOS RECORDS: [UAM:Ento:205897](#)**Thecabius affinis****Thecabius populimonilis****Family Cicadellidae****Balclutha manitow**ARCTOS RECORDS: [KNWR:Ento:6766](#)**Balclutha punctata**ARCTOS RECORDS: [KNWR:Ento:2310](#), [KNWR:Ento:2311](#), [KNWR:Ento:2476](#), [KNWR:Ento:2477](#), [KNWR:Ento:2574](#), [KNWR:Ento:2575](#), [KNWR:Ento:3452](#), [KNWR:Ento:3609](#), [KNWR:Ento:3610](#)**Evacanthus grandipes****Macrosteles fascifrons****Thamnotettix confinis**ARCTOS RECORDS: [UAM:Ento:176124](#), [UAM:Ento:176125](#)**Family Cixiidae****Cixius meridionalis**ARCTOS RECORDS: [KNWR:Ento:10254](#), [KNWR:Ento:10255](#), [KNWR:Ento:10256](#), [KNWR:Ento:10257](#), [KNWR:Ento:10258](#), [KNWR:Ento:10277](#), [KNWR:Ento:10279](#), [KNWR:Ento:10281](#), [KNWR:Ento:10282](#), [KNWR:Ento:10289](#), [KNWR:Ento:10290](#), [KNWR:Ento:10291](#), [KNWR:Ento:10292](#), [KNWR:Ento:10293](#), [KNWR:Ento:10294](#), [KNWR:Ento:10319](#), [KNWR:Ento:10320](#), [KNWR:Ento:10321](#), [KNWR:Ento:10326](#), [KNWR:Ento:10327](#), [KNWR:Ento:8877](#), [KNWR:Ento:8881](#), [KNWR:Ento:8883](#), [KNWR:Ento:8894](#), [KNWR:Ento:8899](#), [KNWR:Ento:8902](#), [KNWR:Ento:8903](#), [KNWR:Ento:8904](#), [KNWR:Ento:8912](#), [KNWR:Ento:8913](#), [KNWR:Ento:8914](#), [KNWR:Ento:8916](#), [KNWR:Ento:8917](#), [KNWR:Ento:8920](#), [KNWR:Ento:8921](#), [KNWR:Ento:8922](#), [KNWR:Ento:8923](#), [KNWR:Ento:8924](#), [KNWR:Ento:8925](#), [KNWR:Ento:8926](#), [KNWR:Ento:8932](#), [KNWR:Ento:8933](#), [KNWR:Ento:8934](#), [KNWR:Ento:8940](#), [KNWR:Ento:8941](#), [KNWR:Ento:8942](#), [KNWR:Ento:8951](#), [KNWR:Ento:8957](#), [KNWR:Ento:8958](#), [KNWR:Ento:8959](#), [KNWR:Ento:8963](#), [KNWR:Ento:8964](#), [KNWR:Ento:8965](#), [KNWR:Ento:8966](#), [KNWR:Ento:8967](#), [KNWR:Ento:8970](#), [KNWR:Ento:8971](#), [KNWR:Ento:8972](#), [KNWR:Ento:8977](#), [KNWR:Ento:8978](#), [KNWR:Ento:8984](#), [KNWR:Ento:8985](#), [KNWR:Ento:8989](#), [KNWR:Ento:8990](#), [KNWR:Ento:8994](#), [KNWR:Ento:8996](#), [KNWR:Ento:8998](#), [UAM:Ento:256922](#), [UAM:Ento:258741](#), [UAM:Ento:258742](#), [UAM:Ento:258743](#), [UAM:Ento:258744](#), [UAM:Ento:258745](#), [UAM:Ento:258746](#), [UAM:Ento:258747](#), [UAM:Ento:258748](#), [UAM:Ento:258749](#), [UAM:Ento:258750](#), [UAM:Ento:258751](#), [UAM:Ento:258752](#), [UAM:Ento:258753](#), [UAM:Ento:258754](#), [UAM:Ento:258755](#)**Family Delphacidae****Achorotile subarctica**ARCTOS RECORDS: [KNWR:Ento:10183](#), [KNWR:Ento:10724](#), [KNWR:Ento:3296](#), [KNWR:Ento:4771](#), [KNWR:Ento:5092](#), [KNWR:Ento:5263](#), [KNWR:Ento:5425](#), [UAM:Ento:282639](#), [UAM:Ento:96675](#)**Criomorpus wilhelmi****Delphacodes serrata**ARCTOS RECORDS: [KNWR:Ento:6175](#)**Javesella pellucida**ARCTOS RECORDS: [KNWR:Ento:10185](#), [KNWR:Ento:10186](#), [KNWR:Ento:1582](#), [KNWR:Ento:1615](#), [KNWR:Ento:1618](#), [KNWR:Ento:1664](#), [KNWR:Ento:1684](#), [KNWR:Ento:1811](#), [KNWR:Ento:1983](#), [KNWR:Ento:2019](#), [KNWR:Ento:2027](#), [KNWR:Ento:2082](#), [KNWR:Ento:2257](#), [KNWR:Ento:2419](#), [KNWR:Ento:2420](#), [KNWR:Ento:2576](#), [KNWR:Ento:2876](#), [KNWR:Ento:3220](#), [KNWR:Ento:3258](#), [KNWR:Ento:3289](#), [KNWR:Ento:3338](#), [KNWR:Ento:3747](#), [KNWR:Ento:3782](#), [KNWR:Ento:3802](#), [KNWR:Ento:3870](#), [KNWR:Ento:3871](#), [KNWR:Ento:3998](#), [KNWR:Ento:4092](#), [KNWR:Ento:4573](#), [KNWR:Ento:4780](#), [KNWR:Ento:5762](#), [KNWR:Ento:5993](#), [KNWR:Ento:6173](#), [KNWR:Ento:8018](#), [KNWR:Ento:8019](#), [KNWR:Ento:8020](#), [KNWR:Ento:8022](#), [KNWR:Ento:8023](#), [KNWR:Ento:8024](#), [KNWR:Ento:8025](#), [KNWR:Ento:8026](#), [KNWR:Ento:8027](#), [KNWR:Ento:8028](#), [KNWR:Ento:8029](#), [KNWR:Ento:8030](#), [KNWR:Ento:8031](#), [KNWR:Ento:8032](#), [KNWR:Ento:8034](#), [KNWR:Ento:8035](#), [KNWR:Ento:8036](#), [KNWR:Ento:8038](#), [KNWR:Ento:8039](#), [KNWR:Ento:8040](#), [KNWR:Ento:8041](#), [KNWR:Ento:8042](#), [KNWR:Ento:8044](#), [KNWR:Ento:8045](#), [KNWR:Ento:8046](#), [KNWR:Ento:8048](#), [KNWR:Ento:8049](#), [KNWR:Ento:8050](#), [KNWR:Ento:8051](#), [KNWR:Ento:8052](#), [KNWR:Ento:8053](#), [KNWR:Ento:8054](#), [KNWR:Ento:8055](#), [KNWR:Ento:8056](#), [KNWR:Ento:8058](#), [KNWR:Ento:8059](#), [KNWR:Ento:8060](#), [KNWR:Ento:8061](#), [KNWR:Ento:8062](#)**Paraliburnia kilmani**ARCTOS RECORDS: [KNWR:Ento:5199](#), [KNWR:Ento:6177](#), [KNWR:Ento:7365](#)**Family Geocoridae****Geocoris bullatus**

COMMON NAMES: Large big-eyed bug

ARCTOS RECORDS: [KNWR:Ento:7686](#)**Family Gerridae****Gerris buenoi**

COMMON NAMES: A water strider

Limnoporus rufoscutellatus**Family Lygaeidae****Kleidocerys resedae**ARCTOS RECORDS: [KNWR:Ento:5050](#), [KNWR:Ento:5051](#), [KNWR:Ento:5142](#), [KNWR:Ento:5176](#), [KNWR:Ento:5177](#), [KNWR:Ento:5510](#), [KNWR:Ento:5664](#), [KNWR:Ento:5839](#), [KNWR:Ento:5882](#), [KNWR:Ento:6206](#), [KNWR:Ento:6207](#)**Family Miridae****Calocoris fulvomaculatus**ARCTOS RECORDS: [KNWR:Ento:3497](#)**Irbisia sericans**ARCTOS RECORDS: [KNWR:Ento:1835](#), [KNWR:Ento:1836](#), [KNWR:Ento:1837](#)**Lygocoris pabulinus**ARCTOS RECORDS: [KNWR:Ento:8518](#), [KNWR:Ento:8519](#), [KNWR:Ento:8520](#), [KNWR:Ento:8521](#)**Lygus borealis****Lygus lupini****Lygus punctatus****Lygus rugulipennis****Lygus shulli****Lygus striatus**

Plagiognathus alboradialisARCTOS RECORDS: [KNWR:Ento:3498](#), [KNWR:Ento:3923](#)**Stenodema trispinosum**ARCTOS RECORDS: [KNWR:Ento:1408](#), [KNWR:Ento:1409](#), [KNWR:Ento:3457](#), [KNWR:Ento:5768](#), [KNWR:Ento:5769](#) INATURALIST OBSERVATIONS: [2420866](#)**Family Ortheziidae****Arctorthezia cataphracta**ARCTOS RECORDS: [KNWR:Ento:8892](#)**Family Psyllidae****Aphalara nubifera ?**ARCTOS RECORDS: [KNWR:Ento:10631](#), [KNWR:Ento:10632](#)**Cacopsylla rara**ARCTOS RECORDS: [KNWR:Ento:7025](#)**Craspedolepta alaskensis****Craspedolepta nebulosa**ARCTOS RECORDS: [KNWR:Ento:1842](#)**Craspedolepta subpunctata**ARCTOS RECORDS: [KNWR:Ento:1208](#), [KNWR:Ento:1419](#), [KNWR:Ento:1573](#), [KNWR:Ento:1637](#), [KNWR:Ento:1762](#), [KNWR:Ento:1808](#), [KNWR:Ento:2253](#), [KNWR:Ento:2425](#), [KNWR:Ento:2430](#), [KNWR:Ento:2650](#), [KNWR:Ento:3302](#), [KNWR:Ento:3416](#), [KNWR:Ento:3417](#), [KNWR:Ento:3495](#), [KNWR:Ento:3638](#), [KNWR:Ento:3658](#), [KNWR:Ento:3830](#), [KNWR:Ento:3961](#), [KNWR:Ento:4784](#), [UAM:Ento:184680](#), [UAM:Ento:184681](#), [UAM:Ento:184682](#), [UAM:Ento:184683](#), [UAM:Ento:184684](#), [UAM:Ento:184685](#), [UAM:Ento:184686](#), [UAM:Ento:184687](#), [UAM:Ento:184722](#)**Psylla minor**ARCTOS RECORDS: [KNWR:Ento:1646](#)**Family Rhyparochromidae****Eremocoris borealis**

COMMON NAMES: Dirt-colored seed bug

Peritrechus convivusARCTOS RECORDS: [KNWR:Ento:10356](#)**Family Scutelleridae****Homaemus aeneifrons**

COMMON NAMES: A shield-backed bug

Order Hymenoptera**Family Apidae****†Apis mellifera**

COMMON NAMES: European honey bee

ARCTOS RECORDS: [KNWR:Ento:10639](#)**Bombus occidentalis**

COMMON NAMES: Western bumble bee

ARCTOS RECORDS: [KNWR:Ento:2800](#)**Bombus sylvicola**

COMMON NAMES: Forest bumble bee

ARCTOS RECORDS: [KNWR:Ento:1962](#), [KNWR:Ento:2497](#), [KNWR:Ento:2598](#), [KNWR:Ento:2770](#)**Family Braconidae****Aleiodes 1mjs bold:aaa7795****Aphidius ervi**ARCTOS RECORDS: [KNWR:Ento:1529](#), [KNWR:Ento:2531](#), [KNWR:Ento:3413](#), [UAM:Ento:97828](#)**Dacnusa 1mjs bold:acg7033**

COMMON NAMES: A braconid wasp

Dacnusa 2mjs bold:aca7170

COMMON NAMES: A braconid wasp

Ephedrus incompletusARCTOS RECORDS: [KNWR:Ento:1608](#), [UAM:Ento:97832](#)**Ephedrus lacertosus**ARCTOS RECORDS: [KNWR:Ento:1993](#), [KNWR:Ento:2285](#), [UAM:Ento:97831](#)**Praon occidentale**ARCTOS RECORDS: [KNWR:Ento:2851](#), [UAM:Ento:97836](#)**Family Chrysididae****Omalus aenus**ARCTOS RECORDS: [KNWR:Ento:8382](#)**Family Cimbicidae****Cimbex americana**

COMMON NAMES: Elm sawfly

Trichiosoma triangulum

COMMON NAMES: A sawfly

Family Diapriidae**Spilomicrus stigmatalis**ARCTOS RECORDS: [KNWR:Ento:2805](#)**Family Dryinidae****Aphelopus albopictus**ARCTOS RECORDS: [KNWR:Ento:2804](#), [UAM:Ento:96673](#)**Family Figitidae****Alloxysta vicenti**ARCTOS RECORDS: [KNWR:Ento:1518](#), [UAMObs:Ento:231439](#)**Phaenoglyphis kenaii**ARCTOS RECORDS: [KNWR:Ento:1994](#), [KNWR:Ento:4039](#), [UAMObs:Ento:231440](#)**Family Formicidae****Camponotus herculeanus**ARCTOS RECORDS: [KNWR:Ento:1710](#), [KNWR:Ento:4502](#), [KNWR:Ento:6791](#), [UAM:Ento:125245](#), [UAM:Ento:125246](#), [UAM:Ento:125247](#)**Formica aserva**ARCTOS RECORDS: [KNWR:Ento:10268](#), [KNWR:Ento:10269](#), [KNWR:Ento:3378](#)**Formica gagatoides**ARCTOS RECORDS: [KNWR:Ento:2456](#), [KNWR:Ento:2457](#), [KNWR:Ento:2706](#), [KNWR:Ento:2707](#)**Formica neorufibarbis**ARCTOS RECORDS: [KNWR:Ento:10266](#), [KNWR:Ento:2474](#), [KNWR:Ento:4470](#), [KNWR:Ento:4540](#), [KNWR:Ento:4542](#), [KNWR:Ento:4543](#), [KNWR:Ento:4547](#), [KNWR:Ento:4548](#), [KNWR:Ento:4886](#), [KNWR:Ento:4887](#), [KNWR:Ento:4888](#), [UAM:Ento:125214](#), [UAM:Ento:236684](#), [UAM:Ento:236685](#), [UAM:Ento:236686](#), [UAM:Ento:236687](#), [UAM:Ento:236688](#), [UAM:Ento:236689](#), [UAM:Ento:236690](#), [UAM:Ento:236691](#), [UAM:Ento:236692](#), [UAM:Ento:236693](#), [UAM:Ento:236697](#), [UAM:Ento:236698](#), [UAM:Ento:236699](#), [UAM:Ento:236700](#), [UAM:Ento:236701](#), [UAM:Ento:236702](#), [UAM:Ento:236703](#),

UAM:Ento:236704, UAM:Ento:236705, UAM:Ento:236706, UAM:Ento:236707, UAM:Ento:236708, UAM:Ento:236709, UAM:Ento:236710, UAM:Ento:236711, UAM:Ento:236712, UAM:Ento:236713, UAM:Ento:236714, UAM:Ento:236715, UAM:Ento:236716, UAM:Ento:309088

Leptothorax canadensis

ARCTOS RECORDS: [KNWR:Ento:1855](#), [KNWR:Ento:3720](#), [KNWR:Ento:3721](#), [KNWR:Ento:3722](#), [KNWR:Ento:3723](#), [KNWR:Ento:3724](#)

Myrmica alaskensis

ARCTOS RECORDS: [KNWR:Ento:10261](#), [KNWR:Ento:3631](#), [KNWR:Ento:3766](#), [KNWR:Ento:4546](#), [KNWR:Ento:4779](#), [KNWR:Ento:5920](#), [KNWR:Ento:5986](#), [KNWR:Ento:6790](#), [KNWR:Ento:8895](#), [UAM:Ento:125320](#)

Family Halictidae

Lasioglossum behri

Family Ichneumonidae

Astiphromma leucogrammmum

Crypteffigies confusus

Diplazon deletus

Hadrodactylus seldoviae

Mesochorus gemellus

Mesochorus prolatus

Opheltes glaucopterus

ARCTOS RECORDS: [KNWR:Ento:7448](#)

Ophion bilineatus

Polyaulon canadensis

ARCTOS RECORDS: [KNWR:Ento:7330](#)

Syrphophilus ichneumonoides

Xestopelta vertebrata

ARCTOS RECORDS: [KNWR:Ento:7967](#)

Family Platygasteridae

Platygaster obscuripennis

Family Pteromalidae

Dinotiscus eupterus

ARCTOS RECORDS: [KNWR:Ento:6154](#)

Family Siricidae

Urocerus flavicornis

ARCTOS RECORDS: [KNWR:Ento:4101](#)

Family Tenthredinidae

Allantus albolabris

COMMON NAMES: A sawfly

ARCTOS RECORDS: [KNWR:Ento:4230](#)

Cladius difformis

COMMON NAMES: Bristly roseslug sawfly

ARCTOS RECORDS: [UAM:Ento:144697](#)

Dolerus elderi

COMMON NAMES: A sawfly

ARCTOS RECORDS: [KNWR:Ento:4391](#)

Dolerus gilvipes

COMMON NAMES: A sawfly

Dolerus yukonensis

ARCTOS RECORDS: [KNWR:Ento:3892](#)

Empria ignota

COMMON NAMES: A sawfly

Empria improba

COMMON NAMES: A sawfly

ARCTOS RECORDS: [KNWR:Ento:3236](#)

Empria maculata

COMMON NAMES: A sawfly

ARCTOS RECORDS: [KNWR:Ento:4061](#)

†Eriocampa ovata

COMMON NAMES: Alder woolly sawfly

Hoplocampa idaho

COMMON NAMES: A sawfly

ARCTOS RECORDS: [KNWR:Ento:2802](#), [UAM:Ento:282611](#)

†Monsoma pulveratum

COMMON NAMES: Green alder sawfly

Pristiphora lativentris

COMMON NAMES: A sawfly

ARCTOS RECORDS: [KNWR:Ento:8362](#)

Pristiphora mollis

COMMON NAMES: A sawfly

ARCTOS RECORDS: [KNWR:Ento:2715](#), [KNWR:Ento:3715](#)

Pristiphora staudingeri

COMMON NAMES: A sawfly

ARCTOS RECORDS: [KNWR:Ento:1980](#)

Profenusa thomsoni

COMMON NAMES: Amber-marked birch leaf miner

Rhogogaster viridis

ARCTOS RECORDS: [KNWR:Ento:1437](#), [KNWR:Ento:3921](#)

Family Torymidae

Megastigmus atedius

ARCTOS RECORDS: [KNWR:Ento:3521](#), [KNWR:Ento:3608](#), [KNWR:Ento:4941](#)

Pseudotorymus sp. bold:acr9193

ARCTOS RECORDS: [KNWR:Ento:5355](#)

Torymus cecidomyiae

ARCTOS RECORDS: [KNWR:Ento:8379](#)

Torymus longistigmus

ARCTOS RECORDS: [KNWR:Ento:5666](#)

Torymus sp. bold:ada9168

BOLD RECORDS: [MOBIL1213-16](#), [MOBIL1214-16](#)

Family Vespidae

Dolichovespula albida

ARCTOS RECORDS: [KNWR:Ento:8145](#)

Dolichovespula arenaria

COMMON NAMES: Aerial yellowjacket

Dolichovespula norvegicoides

Vespula alascensis

COMMON NAMES: Common yellowjacket

ARCTOS RECORDS: [KNWR:Ento:8888](#)

Vespula austriaca

Order Lepidoptera

Family Arctiidae

Platarctia parthenos

COMMON NAMES: St. lawrence tiger moth
ARCTOS RECORDS: [KNWR:Ento:10496](#)

Family Coleophoridae**Coleophora canadensisella****Mompha sexstrigella**

ARCTOS RECORDS: [KNWR:Ento:4037](#)

Family Crambidae**Udea washingtonalis**

ARCTOS RECORDS: [KNWR:Ento:6825](#)

Family Erebiidae**Hypenodes palustris**

ARCTOS RECORDS: [KNWR:Ento:3864](#)

Family Gelechiidae**Prolita sexpunctella**

ARCTOS RECORDS: [KNWR:Ento:4389](#)

Family Geometridae**Archiearis infans**

COMMON NAMES: Infant geometer

Aspitates orciferarius

ARCTOS RECORDS: [KNWR:Ento:10677](#), [KNWR:Ento:10678](#)

Cabera exanthemata

ARCTOS RECORDS: [KNWR:Ento:3800](#), [KNWR:Ento:4079](#)

Campaea perlata

COMMON NAMES: Fringed looper

ARCTOS RECORDS: [KNWR:Ento:7163](#), [KNWR:Ento:7314](#)

Cladara limitaria

ARCTOS RECORDS: [KNWR:Ento:11054](#)

Ecliptopera silacaeta**Epirrita undulata**

ARCTOS RECORDS: [KNWR:Ento:7423](#)

Eupithecia sharronata

ARCTOS RECORDS: [KNWR:Ento:2771](#)

Lycia rachelae

ARCTOS RECORDS: [KNWR:Ento:10862](#)

Lycia ursaria

ARCTOS RECORDS: [KNWR:Ento:10946](#)

Operophtera bruceata

COMMON NAMES: Bruce spanworm

ARCTOS RECORDS: [KNWR:Ento:7353](#)

Rheumaptera hastata

COMMON NAMES: Spearmarked black moth

ARCTOS RECORDS: [KNWR:Ento:6816](#), [KNWR:Ento:6817](#)

Rheumaptera subhastata**Scopula frigidaria**

ARCTOS RECORDS: [KNWR:Ento:6819](#)

Spargania luctuata

COMMON NAMES: White-banded carpet

ARCTOS RECORDS: [KNWR:Ento:6818](#)

Trichodezia albivittata

COMMON NAMES: White-striped black

Xanthorhoe decoloraria**Xanthorhoe ferrugata**

COMMON NAMES: Dark-barred twin-spot carpet

Xanthorhoe fossaria

ARCTOS RECORDS: [KNWR:Ento:6821](#), [KNWR:Ento:6822](#), [KNWR:Ento:6823](#)

Family HesperIIDae**Carterocephalus palaemon**

COMMON NAMES: Arctic skipper

ARCTOS RECORDS: [KNWR:Ento:6829](#), [KNWR:Ento:7701](#), [KWP:Ento:52570](#)

Family Lasiocampidae**Phyllodesma americana**

ARCTOS RECORDS: [KNWR:Ento:4584](#)

Family Lycaenidae**Agriades glandon**

ARCTOS RECORDS: [KWP:Ento:56985](#), [KWP:Ento:56986](#)

Agriades optilete

ARCTOS RECORDS: [KWP:Ento:52201](#)

Celastrina lucia

ARCTOS RECORDS: [KNWR:Ento:7017](#), [KWP:Ento:42050](#), [KWP:Ento:42051](#), [KWP:Ento:42052](#), [KWP:Ento:42053](#), [KWP:Ento:42054](#)

Glaucopsyche lygdamus

COMMON NAMES: Silvery blue

ARCTOS RECORDS: [KWP:Ento:56842](#) iNATURALIST OBSERVATIONS: 1636102

Icaricia saepiolus

ARCTOS RECORDS: [KWP:Ento:56915](#)

Lycaena dorcas

ARCTOS RECORDS: [KNWR:Ento:10630](#), [KWP:Ento:56780](#)

Plebejus idas

COMMON NAMES: Northern blue

Family Lymantriidae**Orgyia antiqua**

COMMON NAMES: Rusty tussock moth

Family Noctuidae**Acronicta menyanthidis**

COMMON NAMES: Light knot grass

ARCTOS RECORDS: [KNWR:Ento:6796](#)

Alypia langtoni

ARCTOS RECORDS: [KNWR:Ento:10635](#)

Diarsia esurialis

ARCTOS RECORDS: [KNWR:Ento:6812](#), [KNWR:Ento:6813](#)

Diarsia rosaria

ARCTOS RECORDS: [KNWR:Ento:6814](#), [KNWR:Ento:6815](#)

Lacanobia nevade**Lithomoia germana**

ARCTOS RECORDS: [KNWR:Ento:7354](#)

†Noctua pronuba

COMMON NAMES: Large yellow underwing

ARCTOS RECORDS: [KNWR:Ento:7355](#)

Sunira verberata

COMMON NAMES: Battered fallow moth

ARCTOS RECORDS: [KNWR:Ento:7424](#), [KNWR:Ento:7425](#)

Xestia c-nigrum

COMMON NAMES: Spotted cutworm
ARCTOS RECORDS: [KNWR:Ento:7336](#)

Xestia homogena

ARCTOS RECORDS: [KNWR:Ento:7335](#), [KNWR:Ento:7447](#)

Xestia tecta

ARCTOS RECORDS: [KNWR:Ento:7446](#)

Xylena thoracica

COMMON NAMES: A swordgrass moth
ARCTOS RECORDS: [KNWR:Ento:8499](#)

Xylotype acadia

COMMON NAMES: Acadian sawfly

Family Notodontidae**Furcula occidentalis****Pheosia rimosa**

COMMON NAMES: Black-rimmed prominent moth
ARCTOS RECORDS: [KNWR:Ento:7193](#), [UAM:Ento:228334](#)

Family Nymphalidae**Aglais milberti**

COMMON NAMES: Milbert's tortoiseshell
ARCTOS RECORDS: [KNWR:Ento:10683](#), [KNWR:Ento:10684](#), [KWP:Ento:56792](#), [KWP:Ento:56793](#), [KWP:Ento:56794](#), [KWP:Ento:56795](#), [KWP:Ento:56796](#), [KWP:Ento:56818](#), [KWP:Ento:56836](#), [KWP:Ento:56848](#), [KWP:Ento:56868](#), [KWP:Ento:57066](#) INATURALIST OBSERVATIONS: [1157608](#)

Boloria chariclea

COMMON NAMES: Arctic fritillary
ARCTOS RECORDS: [KWP:Ento:48307](#), [KWP:Ento:56961](#), [KWP:Ento:56962](#), [KWP:Ento:56963](#), [KWP:Ento:56987](#), [KWP:Ento:56988](#), [KWP:Ento:57369](#), [KWP:Ento:57393](#)

Boloria freija

COMMON NAMES: Freija fritillary
ARCTOS RECORDS: [KWP:Ento:42234](#), [KWP:Ento:57367](#), [KWP:Ento:57368](#), [KWP:Ento:57392](#)

Boloria selene

COMMON NAMES: Silverbordered fritillary
ARCTOS RECORDS: [KWP:Ento:52202](#), [KWP:Ento:52203](#), [KWP:Ento:52204](#)

Coenonympha tullia

ARCTOS RECORDS: [KWP:Ento:52205](#), [KWP:Ento:57010](#), [KWP:Ento:57370](#)

Nymphalis antiopa

COMMON NAMES: Mourningcloak butterfly
ARCTOS RECORDS: [KNWR:Ento:10675](#), [KWP:Ento:56799](#), [KWP:Ento:56800](#), [KWP:Ento:56801](#), [KWP:Ento:56802](#), [KWP:Ento:56813](#), [KWP:Ento:56814](#), [KWP:Ento:56866](#), [KWP:Ento:56867](#)

Oeneis bore

COMMON NAMES: Bore arctic
ARCTOS RECORDS: [KWP:Ento:56314](#), [KWP:Ento:56315](#), [KWP:Ento:56316](#), [KWP:Ento:56317](#)

Oeneis polixenes

COMMON NAMES: Polixenes arctic
ARCTOS RECORDS: [KWP:Ento:57371](#), [KWP:Ento:57372](#), [KWP:Ento:57391](#)

Polygonia faunus

COMMON NAMES: Green comma
ARCTOS RECORDS: [KNWR:Ento:10664](#), [KWP:Ento:56798](#), [KWP:Ento:56819](#), [KWP:Ento:56820](#), [KWP:Ento:56821](#), [KWP:Ento:56822](#),

[KWP:Ento:56823](#), [KWP:Ento:56824](#), [KWP:Ento:56825](#), [KWP:Ento:56838](#), [KWP:Ento:56839](#), [KWP:Ento:56843](#), [KWP:Ento:56844](#), [KWP:Ento:56845](#), [KWP:Ento:56846](#), [KWP:Ento:56847](#), [KWP:Ento:56849](#), [KWP:Ento:56933](#), [KWP:Ento:57065](#) INATURALIST OBSERVATIONS: [1362605](#)

Speyeria mormonia

COMMON NAMES: Mormon fritillary
ARCTOS RECORDS: [KWP:Ento:48308](#), [KWP:Ento:56960](#), [KWP:Ento:56990](#)

Family Papilionidae**Papilio canadensis**

COMMON NAMES: Canadian tiger swallowtail
ARCTOS RECORDS: [KNWR:Ento:10495](#), [KWP:Ento:56816](#), [KWP:Ento:56840](#), [KWP:Ento:56841](#), [KWP:Ento:56860](#), [KWP:Ento:56861](#)

Papilio machaon

COMMON NAMES: Old world swallowtail
ARCTOS RECORDS: [KWP:Ento:52200](#), [KWP:Ento:57348](#)

Parnassius phoebus

ARCTOS RECORDS: [KNWR:Ento:10636](#)

Family Pieridae**Colias nastes**

COMMON NAMES: Labrador sulphur
ARCTOS RECORDS: [KNWR:Ento:10662](#), [KWP:Ento:56984](#), [KWP:Ento:56989](#)

Colias philodice

COMMON NAMES: Clouded sulphur
ARCTOS RECORDS: [KNWR:Ento:10670](#), [KWP:Ento:56775](#), [KWP:Ento:56776](#), [KWP:Ento:56777](#), [KWP:Ento:56778](#), [KWP:Ento:56779](#), [KWP:Ento:56797](#), [KWP:Ento:57038](#), [KWP:Ento:57039](#), [KWP:Ento:57056](#), [KWP:Ento:57057](#), [KWP:Ento:57058](#), [KWP:Ento:57059](#), [KWP:Ento:57060](#), [KWP:Ento:57061](#), [KWP:Ento:57080](#), [KWP:Ento:57081](#), [KWP:Ento:57082](#)

Euchloe ausonides

ARCTOS RECORDS: [KWP:Ento:56817](#), [KWP:Ento:56913](#), [KWP:Ento:56914](#)

Pieris marginalis complex

ARCTOS RECORDS: [KNWR:Ento:10038](#), [KNWR:Ento:10039](#), [KNWR:Ento:10040](#), [KNWR:Ento:10041](#), [KNWR:Ento:8350](#), [KWP:Ento:47618](#), [KWP:Ento:47695](#), [KWP:Ento:50672](#), [KWP:Ento:56837](#), [KWP:Ento:56862](#), [KWP:Ento:56863](#), [KWP:Ento:56864](#), [KWP:Ento:56865](#), [KWP:Ento:56885](#), [KWP:Ento:56886](#), [KWP:Ento:56887](#), [KWP:Ento:56888](#), [KWP:Ento:56889](#), [KWP:Ento:56890](#), [KWP:Ento:56891](#), [KWP:Ento:56910](#), [KWP:Ento:56911](#), [KWP:Ento:56912](#), [KWP:Ento:56934](#), [KWP:Ento:56935](#), [KWP:Ento:56936](#), [KWP:Ento:56937](#), [KWP:Ento:56938](#), [KWP:Ento:56939](#), [KWP:Ento:56964](#), [KWP:Ento:56965](#), [KWP:Ento:57064](#), [KWP:Ento:57349](#)

Family Pterophoridae**Amblyptilia pica**

ARCTOS RECORDS: [KNWR:Ento:10638](#), [KNWR:Ento:10642](#), [KNWR:Ento:10643](#)

Gillmeria pallidactyla

COMMON NAMES: A plume moth.

Family Sesiidae**Albuna pyramidalis**

COMMON NAMES: Fireweed clearwing moth

Family Tortricidae

Acleris arcticanaARCTOS RECORDS: [KNWR:Ento:7433](#)**Ancylis tineana**ARCTOS RECORDS: [KNWR:Ento:3395](#)**Argyrotaenia occultana**ARCTOS RECORDS: [KNWR:Ento:4687](#)**Clepsis moeschleriana**ARCTOS RECORDS: [KNWR:Ento:2616](#)**Clepsis persicana**

COMMON NAMES: White-triangle tortrix moth

ARCTOS RECORDS: [KNWR:Ento:10489](#), [KNWR:Ento:10490](#),
[KNWR:Ento:10491](#), [KNWR:Ento:10492](#)**Clepsis virescana****Cydia piperana**ARCTOS RECORDS: [KNWR:Ento:6457](#), [UAM:Ento:95347](#)**Epinotia solandriana**

COMMON NAMES: Birch-aspen leafroller moth

ARCTOS RECORDS: [KNWR:Ento:7429](#), [KNWR:Ento:7432](#)**Eulia ministrana**ARCTOS RECORDS: [KNWR:Ento:6824](#)**Hystriophora asphodelana**ARCTOS RECORDS: [KNWR:Ento:2617](#)**Metendothenia atropunctana**ARCTOS RECORDS: [KNWR:Ento:4155](#)**Family Yponomeutidae****Rhigognostis interrupta****Swammerdamia caesiella**ARCTOS RECORDS: [KNWR:Ento:3299](#)**Order Neuroptera****Family Chrysopidae****Chrysopa chi****Family Coniopterygidae****Coniopteryx tineiformis**ARCTOS RECORDS: [KNWR:Ento:2086](#), [KNWR:Ento:3598](#), [KNWR:Ento:4409](#)**Family Hemerobiidae****Micromus postichus****Order Odonata****Family Aeshnidae****Aeshna eremita**

COMMON NAMES: Lake darner

ARCTOS RECORDS: [KNWR:Ento:8948](#)**Aeshna interrupta**

COMMON NAMES: Variable darner

ARCTOS RECORDS: [KNWR:Ento:8608](#)**Aeshna juncea**

COMMON NAMES: Sedge darner

Aeshna palmata

COMMON NAMES: Paddle-tailed darner

INATURALIST OBSERVATIONS: [117214](#)**Aeshna septentrionalis**

COMMON NAMES: Azure darner

ARCTOS RECORDS: [KNWR:Ento:1563](#)**Aeshna sitchensis**

COMMON NAMES: Zigzag darner

INATURALIST OBSERVATIONS: [115153](#)**Aeshna subarctica**

COMMON NAMES: Subarctic darner

INATURALIST OBSERVATIONS: [115152](#)**Family Coenagrionidae****Coenagrion resolutum**

COMMON NAMES: Taiga bluet

ARCTOS RECORDS: [KNWR:Ento:1709](#)**Enallagma annexum**

COMMON NAMES: Northern bluet

ARCTOS RECORDS: [UAM:Ento:238864](#), [UAM:Ento:238871](#), [UAM:Ento:238872](#)**Enallagma boreale**

COMMON NAMES: Boreal bluet

Family Corduliidae**Cordulia shurtleffii**

COMMON NAMES: American emerald

ARCTOS RECORDS: [KNWR:Ento:7007](#), [UAM:Ento:238874](#) INATURALIST OBSERVATIONS: [1558320](#)**Somatochlora albicincta**

COMMON NAMES: Ringed emerald

ARCTOS RECORDS: [KNWR:Ento:10795](#), [UAM:Ento:238867](#)**Family Lestidae****Lestes disjunctus**

COMMON NAMES: Common spreadwing

ARCTOS RECORDS: [KNWR:Ento:10637](#)**Family Libellulidae****Leucorrhinia hudsonica**

COMMON NAMES: Hudsonian whiteface

INATURALIST OBSERVATIONS: [799852](#)**Leucorrhinia patricia**

COMMON NAMES: Canada whiteface

ARCTOS RECORDS: [KNWR:Ento:7005](#)**Leucorrhinia proxima**

COMMON NAMES: Red-waisted whiteface

ARCTOS RECORDS: [UAM:Ento:238865](#)**Libellula quadrimaculata**

COMMON NAMES: Four-spotted skimmer

ARCTOS RECORDS: [UAM:Ento:238866](#), [UAM:Ento:238868](#)**Sympetrum danae**

COMMON NAMES: Black meadowhawk

ARCTOS RECORDS: [KNWR:Ento:10674](#), [KNWR:Ento:8512](#) INATURALIST OBSERVATIONS: [117205](#), [117221](#), [117222](#)**Order Plecoptera****Family Capniidae****Utacapnia columbiana**

COMMON NAMES: A winter stonefly

ARCTOS RECORDS: [KNWR:Ento:7002](#), [UAMObs:Ento:100827](#),
[UAMObs:Ento:100828](#)**Family Pteronarcyidae**

Pteronarcella badiaARCTOS RECORDS: [UAMObs:Ento:101774](#), [UAMObs:Ento:101775](#)**Order Psocodoea****Family Caeciliusidae****Valenzuela flavidus**

COMMON NAMES: A bark louse

ARCTOS RECORDS: [KNWR:Ento:6397](#)**Family Liposcelididae****Liposcelis corrodens**

COMMON NAMES: A book louse

Family Philopteridae**Ornithobius waterstoni**

COMMON NAMES: A bird louse

ARCTOS RECORDS: [KNWR:Ento:6805](#)**Family Sphaeropsocidae****†Badonnelia titei**ARCTOS RECORDS: [KNWR:Ento:8742](#), [KNWR:Ento:8783](#),
[UAMObs:Ento:11779](#)**Family Trichodectidae****†Trichodectes canis**

COMMON NAMES: Dog louse

Order Siphonaptera**Family Ceratophyllidae****Ceratophyllus niger**

COMMON NAMES: Black hen flea

ARCTOS RECORDS: [KNWR:Ento:6522](#)**Megabothris calcarifer****Orchopeas caedens****Thrassis spenceri****Family Hystrichopsyllidae****Catallagia charlottensis****Family Leptopsyllidae****Amphipsylla pollionis**ARCTOS RECORDS: [KNWR:Ento:6396](#)**Peromyscopsylla ostsibirica****Family Pulicidae****Euhoplopsyllus glacialis****Family Vermipsyllidae****Chaetopsylla tuberculaticeps****Order Thysanoptera****Family Thripidae****Taeniothrips orionis**BOLD RECORDS: [RFTHY133-10](#)**Order Trichoptera****Family Limmephilidae****Limmephilus sericeus**ARCTOS RECORDS: [KNWR:Ento:10796](#)**Nemotaulius hostilis**ARCTOS RECORDS: [KNWR:Ento:7947](#)**Philarctus quaeris**ARCTOS RECORDS: [KNWR:Ento:10726](#)**Family Phryganeidae****Agrypnia glacialis**ARCTOS RECORDS: [KNWR:Ento:10794](#)**Banksiola crotchi****Phryganea cinerea**ARCTOS RECORDS: [KNWR:Ento:7946](#), [KNWR:Ento:8527](#), [KNWR:-Ento:8528](#), [KNWR:Ento:8529](#), [KNWR:Ento:8530](#), [KNWR:Ento:8531](#), [KNWR:Ento:8532](#), [KNWR:Ento:8533](#), [KNWR:Ento:8534](#), [KNWR:-Ento:8535](#), [KNWR:Ento:8536](#), [KNWR:Ento:8538](#), [KNWR:Ento:8539](#), [KNWR:Ento:8540](#), [KNWR:Ento:8541](#)**Class Malacostraca****Order Amphipoda****Family Gammaridae****Gammarus lacustris**BOLD RECORDS: [NJCGS1177-11](#)**Class Maxillopoda****Order Calanoida****Family Diaptomidae****Diaptomus pribilofensis****Order Cyclopoida****Family Cyclopidae****Cyclops columbianus****Cyclops strenuus****Order Poecilostomatoida****Family Ergasilidae****Thersitina gasterostei**ARCTOS RECORDS: [KNWR:Ento:10787](#)**Order Siphonostomatoida****Family Lernaepodidae****Salmincola californiensis**ARCTOS RECORDS: [KNWR:Ento:10786](#)**Phylum Cnidaria****Class Hydrozoa****Order Anthoathecatae****Family Hydridae****Hydra hymanae**BOLD RECORDS: [MOBIL1659-16](#)

Phylum Mollusca**Class Bivalvia****Order Unionoida****Family Unionidae****Anodonta beringiana**

COMMON NAMES: Yukon floater

Order Veneroida**Family Pisidiidae****Pisidium sp.**ARCTOS RECORDS: [KNWR:Ento:10482](#), [KNWR:Ento:10781](#)**Family Tellinidae****Macoma balthica**

COMMON NAMES: Baltic macoma

Class Gastropoda**Order Basommatophora****Family Lymnaeidae****†Radix auricularia**iNATURALIST OBSERVATIONS: [3672932](#)**Stagnicola elodes**ARCTOS RECORDS: [KNWR:Ento:10865](#)**Order Stylommatophora****Family Discidae****Discus whitneyi**

COMMON NAMES: Forest snail

ARCTOS RECORDS: [KNWR:Ento:6114](#), [KNWR:Ento:6809](#)**Family Limacidae****†Deroceras reticulatum**

COMMON NAMES: Gray garden slug

ARCTOS RECORDS: [KNWR:Ento:8635](#)**Family Pupillidae****Columella columella**

COMMON NAMES: Mellow column

ARCTOS RECORDS: [KNWR:Ento:5515](#)**Family Valloniidae****Zoogenetes harpa**

COMMON NAMES: Boreal top

ARCTOS RECORDS: [KNWR:Ento:5629](#)**Phylum Platyhelminthes****Class Cestoda****Order Pseudophyllidea****Family Diphylobothriidae****Schistocephalus solidus**LITERATURE RECORDS: [Sprehn et al. \(2015\)](#) iNATURALIST OBSERVATIONS: [4168295](#)**Vascular Plants****Division Tracheophyta****Class Equisetopsida****Order Equisetales****Family Equisetaceae****Equisetum arvense**

COMMON NAMES: Field horsetail

ARCTOS RECORDS: [KNWR:Herb:1455](#)**Equisetum fluviatile**

COMMON NAMES: Water horsetail

ARCTOS RECORDS: [KNWR:Herb:1454](#)**Equisetum hyemale**

COMMON NAMES: Scouringrush horsetail

Equisetum palustre

COMMON NAMES: Marsh horsetail

Equisetum pratense

COMMON NAMES: Meadow horsetail

Equisetum sylvaticum

COMMON NAMES: Woodland horsetail

Equisetum variegatum

COMMON NAMES: Variegated scouringrush

ARCTOS RECORDS: [UAM:Herb:57363](#) iNATURALIST OBSERVATIONS: [4049603](#)**Class Lycopodiopsida****Order Isoetales****Family Isoetaceae****Isoetes echinospora**

COMMON NAMES: Quillwort

ARCTOS RECORDS: [UAM:Herb:4657](#), [UAM:Herb:5391](#)**Isoetes maritima**ARCTOS RECORDS: [UAM:Herb:4655](#)**Order Lycopodiales****Family Lycopodiaceae****Lycopodium alpinum**

COMMON NAMES: Alpine clubmoss

ARCTOS RECORDS: [KNWR:Herb:1459](#)**Lycopodium annotinum**

COMMON NAMES: Stiff clubmoss

Lycopodium clavatum

COMMON NAMES: Running clubmoss

Lycopodium complanatum

COMMON NAMES: Groundcedar

Lycopodium lagopus

COMMON NAMES: One-cone clubmoss

Class Magnoliopsida

Order Alismatales

Family Araceae

Calla palustris

COMMON NAMES: Water arum

Family Juncaginaceae

Triglochin maritima

COMMON NAMES: Seaside arrowgrass

Triglochin palustre

COMMON NAMES: Marsh arrowgrass

Family Potamogetonaceae

Potamogeton gramineus

COMMON NAMES: Variableleaf pondweed

Potamogeton natans

COMMON NAMES: Floating pondweed

ARCTOS RECORDS: [KNWR:Herb:7021](#)**Potamogeton praelongus**

COMMON NAMES: Whitestem pondweed

Potamogeton pusillus

COMMON NAMES: Small pondweed

ARCTOS RECORDS: [KNWR:Herb:7015](#)**Potamogeton richardsonii**

COMMON NAMES: Richardson's pondweed

Stuckenia filiformis

COMMON NAMES: Fineleaf pondweed

Family Scheuchzeriaceae

Scheuchzeria palustris

COMMON NAMES: Rannoch-rush

Family Tofieldiaceae

Tofieldia coccinea

COMMON NAMES: Northern asphodel

Triantha glutinosa

COMMON NAMES: Sticky tofieldia

Order Apiales

Family Apiaceae

Angelica genuflexa

COMMON NAMES: Kneeling angelica

Angelica lucida

COMMON NAMES: Seacoast angelica

Cicuta virosa

COMMON NAMES: Mackenzie's water hemlock

Conioselinum chinense

COMMON NAMES: Eastern hemlockparsley

Heracleum lanatum

COMMON NAMES: Cow parsnip

Heracleum maximum

COMMON NAMES: Cow parsnip

iNATURALIST OBSERVATIONS: [114270](#)**Heracleum sphondylium**

COMMON NAMES: Cow parsnip

Osmorhiza depauperata

COMMON NAMES: Bluntseed sweetroot

Family Araliaceae

Oplopanax horridus

COMMON NAMES: Devilsclub

iNATURALIST OBSERVATIONS: [115156](#)

Order Asparagales

Family Amaryllidaceae

Allium schoenoprasum

COMMON NAMES: Wild chives

ARCTOS RECORDS: [KNWR:Herb:1470](#), [KNWR:Herb:666](#)

Family Asparagaceae

Maianthemum stellatum

COMMON NAMES: Starry false lily of the valley

Family Iridaceae

Iris setosa

COMMON NAMES: Beachhead iris

iNATURALIST OBSERVATIONS: [1755002](#)

Family Orchidaceae

Goodyera repens

COMMON NAMES: Lesser rattlesnake plantain

iNATURALIST OBSERVATIONS: [877795](#)**Listera caurina**

COMMON NAMES: Northwestern twayblade

Listera cordataSYNONYMS: *Neottia cordata*

COMMON NAMES: Heartleaf twayblade

ARCTOS RECORDS: [KNWR:Herb:1471](#), [KNWR:Herb:598](#), [KNWR:-Herb:663](#)**Malaxis paludosa**

COMMON NAMES: Bog adder's-mouth orchid

ARCTOS RECORDS: [UAM:Herb:20834](#) iNATURALIST OBSERVATIONS: [849755](#)**Peramium decipiens****Platanthera dilatata**

COMMON NAMES: Scentbottle

Platanthera obtusata

COMMON NAMES: Bluntleaved orchid

Spiranthes romanzoffiana

COMMON NAMES: Hooded lady's tresses

iNATURALIST OBSERVATIONS: [1754992](#)

Order Asterales

Family Asteraceae

Achillea millefolium

COMMON NAMES: Common yarrow

Antennaria alpina

COMMON NAMES: Alpine pussytoes

ARCTOS RECORDS: [KNWR:Herb:734](#)**Antennaria monocephala**

COMMON NAMES: Pygmy pussytoes

ARCTOS RECORDS: [KNWR:Herb:733](#)**Arnica chamissonis**

COMMON NAMES: Chamisso arnica

Arnica frigida

COMMON NAMES: Snow arnica

ARCTOS RECORDS: [KNWR:Herb:758](#), [KNWR:Herb:759](#)

Arnica latifolia

COMMON NAMES: Broadleaf arnica

ARCTOS RECORDS: [KNWR:Herb:10379](#) iNATURALIST OBSERVATIONS: [114285](#)

Arnica lessingii

COMMON NAMES: Nodding arnica

Artemisia arctica

COMMON NAMES: Boreal sagebrush

Artemisia tilesii

COMMON NAMES: Tilesius' wormwood

†**Centaurea cyanus**

COMMON NAMES: Cornflower

iNATURALIST OBSERVATIONS: [4051562](#)

Chrysanthemum arcticum

COMMON NAMES: Arctic daisy

†**Cosmos bipinnatus**

COMMON NAMES: Garden cosmos

iNATURALIST OBSERVATIONS: [4051570](#)

†**Crepis tectorum**

COMMON NAMES: Narrowleaf hawkbeard

Erigeron acris

COMMON NAMES: Bitter fleabane

Erigeron humilis

COMMON NAMES: Arctic alpine fleabane

ARCTOS RECORDS: [KNWR:Herb:732](#)

Erigeron peregrinus

COMMON NAMES: Subalpine fleabane

Eurybia sibirica

COMMON NAMES: Arctic aster

iNATURALIST OBSERVATIONS: [114298](#)

†**Hieracium caespitosum**

COMMON NAMES: Meadow hawkweed

Hieracium triste

COMMON NAMES: Woolly hawkweed

†**Hieracium umbellatum**

COMMON NAMES: Narrowleaf hawkweed

†**Leontodon autumnalis**

SYNONYMS: *Scorzoneroides autumnalis*

COMMON NAMES: Fall dandelion

iNATURALIST OBSERVATIONS: [3893773](#)

†**Leucanthemum vulgare**

COMMON NAMES: Oxeye daisy

†**Matricaria discoidea**

COMMON NAMES: Disc mayweed

iNATURALIST OBSERVATIONS: [1790237](#), [1831944](#), [1832182](#)

Packera cymbalaria

COMMON NAMES: Dwarf arctic ragwort

Petasites frigidus

COMMON NAMES: Arctic sweet coltsfoot

†**Senecio lugens**

COMMON NAMES: Small blacktip ragwort

Senecio triangularis

COMMON NAMES: Arrowleaf ragwort

ARCTOS RECORDS: [KNWR:Herb:736](#)

†**Senecio vulgaris**

COMMON NAMES: Common groundsel

Solidago canadensis

COMMON NAMES: Canada goldenrod

Solidago multiradiata

COMMON NAMES: Rocky mountain goldenrod

ARCTOS RECORDS: [KNWR:Herb:731](#) iNATURALIST OBSERVATIONS: [114283](#), [114306](#), [1788061](#), [1790221](#)

Taraxacum ceratophorum

COMMON NAMES: Horned dandelion

ARCTOS RECORDS: [KNWR:Herb:10448](#), [KNWR:Herb:573](#), [KNWR:Herb:6337](#), [KNWR:Herb:7169](#)

†**Taraxacum erythrospermum**

COMMON NAMES: Rock dandelion

†**Taraxacum officinale**

COMMON NAMES: Common dandelion

ARCTOS RECORDS: [KNWR:Herb:726](#) iNATURALIST OBSERVATIONS: [1583675](#), [1789894](#), [1789907](#), [1831920](#), [1831981](#), [1831993](#)

Taraxacum phymatocarpum

COMMON NAMES: Northern dandelion

ARCTOS RECORDS: [KNWR:Herb:738](#)

†**Tripleurospermum inodorum**

COMMON NAMES: Scentless false mayweed

Family Campanulaceae

Campanula lasiocarpa

COMMON NAMES: Mountain harebell

Campanula rotundifolia

COMMON NAMES: Roundleaf harebell, bluebell

ARCTOS RECORDS: [KNWR:Herb:10347](#) iNATURALIST OBSERVATIONS: [1334105](#)

Family Menyanthaceae

Menyanthes trifoliata

COMMON NAMES: Buckbean

Order Boraginales

Family Boraginaceae

†**Cryptantha torreyana**

COMMON NAMES: Torrey's cryptantha

Mertensia paniculata

COMMON NAMES: Tall bluebells

Myosotis asiatica

COMMON NAMES: Asian forget-me-not

ARCTOS RECORDS: [KNWR:Herb:10371](#), [KNWR:Herb:742](#), [KNWR:Herb:743](#)

†**Nemophila menziesii**

COMMON NAMES: Baby-blue-eyes

iNATURALIST OBSERVATIONS: [4055531](#)

Order Brassicales

Family Brassicaceae

Arabis hirsuta

COMMON NAMES: Hairy rockcress

ARCTOS RECORDS: [KNWR:Herb:1467](#)

Arabis holboellii

COMMON NAMES: Holboell's rockcress

Arabis lyallii

COMMON NAMES: Lyall's rockcress

ARCTOS RECORDS: [KNWR:Herb:686](#)**Arabis lyrata**

COMMON NAMES: Lyrate rockcress

ARCTOS RECORDS: [KNWR:Herb:685](#)**Barbarea orthoceras**

COMMON NAMES: American yellowrocket, wintercress

†Brassica rapa

COMMON NAMES: Field mustard

†Capsella bursa-pastoris

COMMON NAMES: Shepherd's purse

Cardamine bellidifolia

COMMON NAMES: Alpine bittercress

Cardamine pratensis

COMMON NAMES: Cuckoo flower

Cardamine umbellata

COMMON NAMES: Umbel bittercress

ARCTOS RECORDS: [KNWR:Herb:681](#)**Draba borealis**

COMMON NAMES: Boreal draba

Draba juvenilis

COMMON NAMES: Longstalk draba

Draba nivalis

COMMON NAMES: Yellow arctic draba

ARCTOS RECORDS: [KNWR:Herb:10345](#), [KNWR:Herb:10368](#)**Draba stenoloba**

COMMON NAMES: Alaska draba

ARCTOS RECORDS: [KNWR:Herb:683](#)**Erysimum cheiranthoides**

COMMON NAMES: Wormseed wallflower

Erysimum X marshallii

COMMON NAMES: Siberian wallflower

iNATURALIST OBSERVATIONS: [4050320](#)**†Lepidium densiflorum**

COMMON NAMES: Common pepperweed

Rorippa palustris

COMMON NAMES: Bog yellowcress

†Sinapis arvensis

COMMON NAMES: Charlock mustard

Subularia aquatica

COMMON NAMES: Awlwort

Thlaspi arcticum

COMMON NAMES: Arctic pennycress

ARCTOS RECORDS: [KNWR:Herb:680](#)**†Thlaspi arvense**

COMMON NAMES: Field pennycress

Order Caryophyllales**Family Amaranthaceae****†Chenopodium album**

COMMON NAMES: Lambsquarters

ARCTOS RECORDS: [KNWR:Herb:8868](#), [KNWR:Herb:8869](#)**†Chenopodium berlandieri**

COMMON NAMES: Pitseed goosefoot

Salicornia maritima

COMMON NAMES: Slender grasswort

Family Caryophyllaceae**Cerastium arvense**

COMMON NAMES: Field chickweed

ARCTOS RECORDS: [KNWR:Herb:10346](#)**Cerastium beerianum**

COMMON NAMES: Bering chickweed

ARCTOS RECORDS: [KNWR:Herb:10349](#)**Cerastium fischerianum**

COMMON NAMES: Fischer's chickweed

†Cerastium fontanum

COMMON NAMES: Big chickweed

†Dianthus deltoides

COMMON NAMES: Maiden pink

Dianthus repens

COMMON NAMES: Boreal carnation

ARCTOS RECORDS: [KNWR:Herb:673](#)**†Gypsophila elegans**

COMMON NAMES: Showy baby's-breath

iNATURALIST OBSERVATIONS: [4051613](#)**Minuartia arctica**

COMMON NAMES: Arctic stitchwort

Minuartia macrocarpa

COMMON NAMES: Longpod stitchwort

Minuartia rubella

COMMON NAMES: Beautiful sandwort

ARCTOS RECORDS: [KNWR:Herb:670](#)**Moehringia lateriflora**

COMMON NAMES: Bluntleaf sandwort

ARCTOS RECORDS: [KNWR:Herb:671](#)**Silene acaulis**

COMMON NAMES: Moss campion

ARCTOS RECORDS: [KNWR:Herb:10369](#), [KNWR:Herb:672](#)**†Silene armeria**

COMMON NAMES: Catchfly

iNATURALIST OBSERVATIONS: [4051463](#)**†Silene noctiflora**

COMMON NAMES: Nightflowering silene

†Spergula arvensis

COMMON NAMES: Corn spurry

†Spergularia rubra

COMMON NAMES: Red sandspurry

Stellaria calycantha

COMMON NAMES: Northern starwort

Stellaria crispa

COMMON NAMES: Curled starwort

ARCTOS RECORDS: [KNWR:Herb:668](#)**Stellaria humifusa**

COMMON NAMES: Saltmarsh starwort

Stellaria longipes

COMMON NAMES: Longstalk starwort

ARCTOS RECORDS: [KNWR:Herb:669](#)

†Stellaria media

COMMON NAMES: Common chickweed
 iNATURALIST OBSERVATIONS: [1788034](#), [1789896](#)

Family Droseraceae**Drosera anglica**

COMMON NAMES: English sundew
 iNATURALIST OBSERVATIONS: [115164](#)

Drosera rotundifolia

COMMON NAMES: Roundleaf sundew
 ARCTOS RECORDS: [KNWR:Herb:688](#)

Family Montiaceae**Claytonia sarmentosa**

COMMON NAMES: Alaska springbeauty
 ARCTOS RECORDS: [UAM:Herb:57303](#)

Family Polygonaceae**Oxyria digyna**

COMMON NAMES: Alpine mountainsorrel

Persicaria amphibia

ARCTOS RECORDS: [UAM:Herb:57364](#) iNATURALIST OBSERVATIONS: [117218](#)

†Persicaria maculosa

COMMON NAMES: Redshank
 iNATURALIST OBSERVATIONS: [1639207](#)

Polygonum alpinum

COMMON NAMES: Alaska wild rhubarb

†Polygonum aviculare

COMMON NAMES: Prostrate knotweed

Polygonum bistorta

COMMON NAMES: Meadow bistort

Polygonum viviparum

COMMON NAMES: Alpine bistort

†Rumex acetosella

COMMON NAMES: Common sheep sorrel

Rumex arcticus

COMMON NAMES: Arctic dock

†Rumex crispus

COMMON NAMES: Curly dock
 ARCTOS RECORDS: [KNWR:Herb:6752](#)

†Rumex longifolius

COMMON NAMES: Dooryard dock
 ARCTOS RECORDS: [KNWR:Herb:6751](#)

Order Celastrales**Family Celastraceae****Parnassia palustris**

COMMON NAMES: Marsh grass of parnassus

Order Cornales**Family Cornaceae****Cornus canadensis**

COMMON NAMES: Bunchberry dogwood

Cornus suecica

COMMON NAMES: Lapland cornel
 ARCTOS RECORDS: [KNWR:Herb:718](#)

Order Dipsacales**Family Adoxaceae****Adoxa moschatellina**

COMMON NAMES: Moschatel
 iNATURALIST OBSERVATIONS: [3467705](#)

Sambucus racemosa

COMMON NAMES: Red elderberry
 iNATURALIST OBSERVATIONS: [114305](#)

Viburnum edule

COMMON NAMES: Squashberry

Family Linnaeaceae**Linnaea borealis**

COMMON NAMES: Twinflower
 iNATURALIST OBSERVATIONS: [114278](#)

Family Valerianaceae**Valeriana capitata**

COMMON NAMES: Capitata valerian
 ARCTOS RECORDS: [KNWR:Herb:730](#)

Valeriana sitchensis

COMMON NAMES: Sitka valerian
 iNATURALIST OBSERVATIONS: [114297](#)

Order Ericales**Family Balsaminaceae****Impatiens noli-tangere**

COMMON NAMES: Western touch-me-not
 iNATURALIST OBSERVATIONS: [3893699](#)

Family Diapensiaceae**Diapensia lapponica**

COMMON NAMES: Pincushion plant

Family Ericaceae**Andromeda polifolia**

COMMON NAMES: Bog rosemary
 ARCTOS RECORDS: [KNWR:Herb:722](#) iNATURALIST OBSERVATIONS: [1790134](#)

Arctostaphylos alpina

COMMON NAMES: Alpine bearberry

Arctostaphylos uva-ursi

COMMON NAMES: Bearberry, kinnikinnik
 ARCTOS RECORDS: [KNWR:Herb:723](#)

Arctous rubra

COMMON NAMES: Red fruit bearberry

Cassiope lycopodioides

COMMON NAMES: Clubmoss mountain heather

Cassiope tetragona

COMMON NAMES: White arctic mountain heather

Chamaedaphne calyculata

COMMON NAMES: Leatherleaf

Empetrum nigrum

COMMON NAMES: Black crowberry
 ARCTOS RECORDS: [KNWR:Herb:720](#)

Harrimanella hypnoides

COMMON NAMES: Mossplant

Harrimanella stelleriana

COMMON NAMES: Alaska bellheather
 iNATURALIST OBSERVATIONS: [114293](#)

Ledum palustre

COMMON NAMES: Marsh labrador tea

Loiseleuria procumbens

COMMON NAMES: Alpine azalea
 ARCTOS RECORDS: [KNWR:Herb:721](#)

Menziesia ferruginea

COMMON NAMES: Rusty menziesia

Moneses uniflora

COMMON NAMES: Single delight

Orthilia secunda

COMMON NAMES: Sidebells wintergreen

Phyllodoce aleutica

COMMON NAMES: Aleutian mountainheath

Pyrola asarifolia

COMMON NAMES: Liverleaf wintergreen

Pyrola chlorantha

COMMON NAMES: Greenflowered wintergreen

Pyrola grandiflora

COMMON NAMES: Largeflowered wintergreen

Pyrola minor

COMMON NAMES: Snowline wintergreen

Rhododendron groenlandicum

SYNONYMS: *Ledum groenlandicum*
 COMMON NAMES: Bog labrador tea

Vaccinium caespitosum

COMMON NAMES: Dwarf bilberry

Vaccinium ovalifolium

COMMON NAMES: Oval-leaf blueberry

Vaccinium oxycoccos

COMMON NAMES: Small cranberry
 iNATURALIST OBSERVATIONS: [1371259](#)

Vaccinium uliginosum

COMMON NAMES: Bog blueberry
 ARCTOS RECORDS: [KNWR:Herb:10359](#), [KNWR:Herb:724](#), [KNWR:Herb:725](#) iNATURALIST OBSERVATIONS: [115168](#)

Vaccinium vitis-idaea

COMMON NAMES: Lingonberry
 iNATURALIST OBSERVATIONS: [1341671](#)

Family Polemoniaceae**Polemonium boreale**

COMMON NAMES: Northern jacob's-ladder
 ARCTOS RECORDS: [KNWR:Herb:740](#)

Polemonium caeruleum**Polemonium pulcherrimum**

COMMON NAMES: Jacob's-ladder
 ARCTOS RECORDS: [KNWR:Herb:741](#)

Family Primulaceae**Glaux maritima**

COMMON NAMES: Sea milkwort

Primula cuneifolia

COMMON NAMES: Wedgeleaf primrose

Trientalis europaea

COMMON NAMES: Arctic starflower

Order Fabales**Family Fabaceae****Astragalus alpinus**

COMMON NAMES: Alpine milkvetch
 ARCTOS RECORDS: [KNWR:Herb:708](#)

Astragalus polaris

COMMON NAMES: Polar milk vetch

Hedysarum alpinum

COMMON NAMES: Alpine sweetvetch

Lathyrus palustris

COMMON NAMES: Marsh pea

Lupinus arcticus

COMMON NAMES: Arctic lupine

Lupinus nootkatensis

COMMON NAMES: Nootka lupine

‡Lupinus polyphyllus

COMMON NAMES: Bigleaf lupine

†Melilotus alba

COMMON NAMES: White sweet clover

†Melilotus officinalis

COMMON NAMES: Yellow sweetclover

Oxytropis campestris

COMMON NAMES: Field locoweed
 ARCTOS RECORDS: [KNWR:Herb:709](#), [KNWR:Herb:710](#), [KNWR:Herb:711](#)

Oxytropis monticola

COMMON NAMES: Yellowflower locoweed

Oxytropis nigrescens

COMMON NAMES: Blackish oxytrope
 ARCTOS RECORDS: [KNWR:Herb:10351](#)

Oxytropis splendens

COMMON NAMES: Showy locoweed

†Trifolium hybridum

COMMON NAMES: Alsike clover

†Trifolium pratense

COMMON NAMES: Red clover
 iNATURALIST OBSERVATIONS: [1819748](#)

†Trifolium repens

COMMON NAMES: White clover
 iNATURALIST OBSERVATIONS: [1789891](#)

†Vicia cracca

COMMON NAMES: Bird vetch

Order Fagales**Family Betulaceae****Alnus incana**

COMMON NAMES: Gray alder

Alnus viridis

COMMON NAMES: Green alder

Betula glandulosa

COMMON NAMES: Resin birch

Betula nana

COMMON NAMES: Dwarf birch
ARCTOS RECORDS: [KNWR:Herb:664](#)

Betula neoalaskana

COMMON NAMES: Resin birch

Betula papyrifera

COMMON NAMES: Paper birch

Family Myricaceae

Myrica gale

COMMON NAMES: Sweetgale

Order Gentianales

Family Gentianaceae

Gentiana douglasiana

COMMON NAMES: Swamp gentian
ARCTOS RECORDS: [KNWR:Herb:589](#), [KNWR:Herb:626](#)

Gentiana glauca

COMMON NAMES: Pale gentian
iNATURALIST OBSERVATIONS: [114290](#)

Gentianella amarella

COMMON NAMES: Autumn dwarf gentian

Swertia perennis

COMMON NAMES: Star gentian
iNATURALIST OBSERVATIONS: [799853](#)

Family Rubiaceae

Galium boreale

COMMON NAMES: Northern bedstraw
ARCTOS RECORDS: [KNWR:Herb:747](#)

Galium trifidum

COMMON NAMES: Threepetal bedstraw

Galium triflorum

COMMON NAMES: Fragrant bedstraw

Order Geraniales

Family Geraniaceae

Geranium erianthum

COMMON NAMES: Woolly geranium
ARCTOS RECORDS: [KNWR:Herb:712](#) iNATURALIST OBSERVATIONS: [114296](#)

Order Lamiales

Family Lamiaceae

†**Galeopsis bifida**

COMMON NAMES: Splitlip hempenettle

†**Galeopsis tetrahit**

COMMON NAMES: Brittlestem hempenettle

Family Lentibulariaceae

Pinguicula villosa

COMMON NAMES: Hairy butterwort
ARCTOS RECORDS: [KNWR:Herb:10403](#)

Utricularia intermedia

COMMON NAMES: Flatleaf bladderwort
iNATURALIST OBSERVATIONS: [1620785](#)

Utricularia vulgaris

SYNONYMS: *Utricularia macrorhiza*

iNATURALIST OBSERVATIONS: [1616552](#)

Family Orobanchaceae

Boschniakia rossica

COMMON NAMES: Northern groundcone
ARCTOS RECORDS: [KNWR:Herb:10339](#) iNATURALIST OBSERVATIONS: [799867](#)

Castilleja unalaschcensis

COMMON NAMES: Alaska indian paintbrush
ARCTOS RECORDS: [KNWR:Herb:744](#) iNATURALIST OBSERVATIONS: [114295](#), [114304](#)

Pedicularis capitata

COMMON NAMES: Capitata lousewort

Pedicularis labradorica

COMMON NAMES: Labrador lousewort

Pedicularis lanata

COMMON NAMES: Woolly lousewort
ARCTOS RECORDS: [KNWR:Herb:10342](#)

Pedicularis macrodonta

COMMON NAMES: Muskeg lousewort
ARCTOS RECORDS: [KNWR:Herb:610](#), [KNWR:Herb:653](#)

Pedicularis parviflora

COMMON NAMES: Smallflower lousewort

Pedicularis verticillata

COMMON NAMES: Whorled lousewort
ARCTOS RECORDS: [KNWR:Herb:745](#) iNATURALIST OBSERVATIONS: [114300](#)

Rhinanthus minor

COMMON NAMES: Little yellow rattle
iNATURALIST OBSERVATIONS: [114303](#)

Family Plantaginaceae

Callitriche palustris

COMMON NAMES: Spiny waterstarwort

Hippuris tetraphylla

COMMON NAMES: Fourleaf mare's-tail
LITERATURE RECORDS: [Quimby \(1972\)](#), [Ulman \(2013\)](#) ARCTOS RECORDS: [UAM:Herb:25530](#), [UAM:Herb:58238](#)

Hippuris vulgaris

COMMON NAMES: Common mare's-tail
iNATURALIST OBSERVATIONS: [799863](#)

†**Linaria vulgaris**

COMMON NAMES: Butter-n-eggs

†**Plantago major**

COMMON NAMES: Common plantain
iNATURALIST OBSERVATIONS: [1790240](#), [1832158](#)

Plantago maritima

COMMON NAMES: Goose tongue

Veronica americana

COMMON NAMES: American speedwell
ARCTOS RECORDS: [KNWR:Herb:613](#), [KNWR:Herb:650](#)

Veronica wormskjoldii

COMMON NAMES: American alpine speedwell

Order Liliales

Family Liliaceae

Fritillaria camschatcensis

COMMON NAMES: Kamchatka fritillary

ARCTOS RECORDS: [KNWR:Herb:1472](#) iNATURALIST OBSERVATIONS: [1780052](#)

Lloydia serotina

COMMON NAMES: Common alplily

Streptopus amplexifolius

COMMON NAMES: Clasping twistedstalk

Family Melanthiaceae

Anticlea elegans

SYNONYMS: *Zigadenus elegans*

COMMON NAMES: Mountain deathcamas

Veratrum viride

COMMON NAMES: Green false hellebore

iNATURALIST OBSERVATIONS: [114302](#)

Order Malpighiales

Family Linaceae

†*Linum grandiflorum*

iNATURALIST OBSERVATIONS: [4050351](#)

Linum perenne

COMMON NAMES: Blue flax

Family Salicaceae

Populus tremuloides

COMMON NAMES: Quaking aspen

iNATURALIST OBSERVATIONS: [117206](#)

Populus trichocarpa

COMMON NAMES: Black cottonwood

Salix alaxensis

COMMON NAMES: Feltleaf willow

ARCTOS RECORDS: [KNWR:Herb:630](#), [KNWR:Herb:649](#)

Salix arctica

COMMON NAMES: Arctic willow

ARCTOS RECORDS: [KNWR:Herb:629](#), [KNWR:Herb:648](#)

Salix barclayi

COMMON NAMES: Barclay's willow

ARCTOS RECORDS: [KNWR:Herb:586](#), [KNWR:Herb:618](#), [KNWR:-Herb:634](#), [KNWR:Herb:635](#), [KNWR:Herb:646](#)

Salix bebbiana

COMMON NAMES: Bebb's willow

Salix commutata

COMMON NAMES: Undergreen willow

Salix fuscescens

COMMON NAMES: Alaska bog willow

Salix glauca

COMMON NAMES: Grayleaf willow

ARCTOS RECORDS: [KNWR:Herb:587](#), [KNWR:Herb:616](#), [KNWR:-Herb:617](#), [KNWR:Herb:644](#), [KNWR:Herb:645](#)

Salix lasiandra

COMMON NAMES: Pacific willow

Salix myrtilifolia

COMMON NAMES: Willow, low blueberry

Salix niphoclada

COMMON NAMES: Barrenground willow

Salix ovalifolia

COMMON NAMES: Oval-leaf willow

Salix pulchra

COMMON NAMES: Tealeaf willow

ARCTOS RECORDS: [UAM:Herb:20860](#)

Salix reticulata

COMMON NAMES: Netleaf willow

ARCTOS RECORDS: [KNWR:Herb:10343](#)

Salix rotundifolia

COMMON NAMES: Least willow

Salix scouleriana

COMMON NAMES: Scouler's willow

Salix sitchensis

COMMON NAMES: Sitka willow

ARCTOS RECORDS: [KNWR:Herb:8745](#), [KNWR:Herb:8751](#), [KNWR:-Herb:8759](#), [KNWR:Herb:8761](#), [KNWR:Herb:8784](#), [KNWR:Herb:8785](#), [KNWR:Herb:8786](#), [KNWR:Herb:8787](#), [KNWR:Herb:8788](#), [KNWR:-Herb:8789](#)

Salix stolonifera

COMMON NAMES: Sprouting leaf willow

Family Violaceae

Viola adunca

COMMON NAMES: Hookedspur violet

Viola epipsila

COMMON NAMES: Dwarf marsh violet

Viola glabella

COMMON NAMES: Pioneer violet

ARCTOS RECORDS: [KNWR:Herb:713](#)

Viola langsдорffii

COMMON NAMES: Aleutian violet

ARCTOS RECORDS: [KNWR:Herb:715](#)

Viola renifolia

COMMON NAMES: White violet

Viola selkirkii

COMMON NAMES: Selkirk's violet

Order Myrtales

Family Onagraceae

Chamerion angustifolium

SYNONYMS: *Epilobium angustifolium*

COMMON NAMES: Fireweed

iNATURALIST OBSERVATIONS: [1790157](#)

Chamerion latifolium

SYNONYMS: *Epilobium latifolium*

COMMON NAMES: Dwarf fireweed

iNATURALIST OBSERVATIONS: [799865](#), [1790218](#)

Circaea alpina

COMMON NAMES: Small enchanter's nightshade

Epilobium anagallidifolium

COMMON NAMES: Pimpernel willowherb

Epilobium ciliatum

COMMON NAMES: Fringed willowherb

Epilobium hornemannii

COMMON NAMES: Hornemann's willowherb

ARCTOS RECORDS: [KNWR:Herb:717](#)

Epilobium lactiflorum

COMMON NAMES: Milkflower willowherb

Epilobium palustre

COMMON NAMES: Marsh willowherb
ARCTOS RECORDS: [KNWR:Herb:716](#)

Order Nymphaeales

Family Nymphaeaceae

Nuphar lutea

COMMON NAMES: Yellow pond-lily

Nymphaea tetragona

COMMON NAMES: Pygmy waterlily

Order Poales

Family Cyperaceae

Carex aquatilis

COMMON NAMES: Water sedge

ARCTOS RECORDS: [KNWR:Herb:593](#), [KNWR:Herb:624](#), [KNWR:Herb:642](#)

Carex bigelowii

COMMON NAMES: Bigelow's sedge

Carex brunnescens

COMMON NAMES: Brownish sedge

Carex canescens

COMMON NAMES: Silver sedge

Carex chordorrhiza

COMMON NAMES: Creeping sedge, rope-root sedge

Carex deflexa

COMMON NAMES: Northern sedge

ARCTOS RECORDS: [KNWR:Herb:641](#)

Carex deweyana

COMMON NAMES: Dewey's sedge

Carex dioica

Carex disperma

COMMON NAMES: Softleaf sedge

Carex gynocrates

COMMON NAMES: Northern bog sedge

Carex interior

COMMON NAMES: Inland sedge

Carex laeviculmis

COMMON NAMES: Smoothstem sedge

Carex lasiocarpa

COMMON NAMES: Woollyfruit sedge

Carex leptalea

COMMON NAMES: Bristlystalked sedge

Carex limosa

COMMON NAMES: Mud sedge

Carex livida

COMMON NAMES: Livid sedge

Carex loliacea

COMMON NAMES: Ryegrass sedge

Carex lyngbyei

COMMON NAMES: Lyngbye's sedge

Carex macrochaeta

COMMON NAMES: Longawn sedge

ARCTOS RECORDS: [KNWR:Herb:639](#), [KNWR:Herb:640](#)

Carex magellanica

COMMON NAMES: Boreal bog sedge

ARCTOS RECORDS: [KNWR:Herb:615](#)

Carex membranacea

COMMON NAMES: Fragile sedge

ARCTOS RECORDS: [KNWR:Herb:614](#)

Carex mertensii

COMMON NAMES: Mertens' sedge

ARCTOS RECORDS: [KNWR:Herb:591](#), [KNWR:Herb:627](#)

Carex microchaeta

COMMON NAMES: Smallawned sedge

Carex norvegica

COMMON NAMES: Norway sedge

Carex pachystachya

COMMON NAMES: Chamisso sedge

Carex pauciflora

COMMON NAMES: Fewflower sedge

INATURALIST OBSERVATIONS: [1341675](#)

Carex phaeocephala

COMMON NAMES: Dunhead sedge

ARCTOS RECORDS: [KNWR:Herb:1462](#), [KNWR:Herb:638](#)

Carex pluriflora

COMMON NAMES: Manyflower sedge

Carex podocarpa

COMMON NAMES: Shortstalk sedge

Carex preslii

COMMON NAMES: Presl's sedge

Carex pyrenaica

COMMON NAMES: Pyrenean sedge

Carex ramenskii

COMMON NAMES: Ramensk's sedge

Carex rotundata

COMMON NAMES: Round sedge

ARCTOS RECORDS: [KNWR:Herb:595](#), [KNWR:Herb:621](#)

Carex saxatilis

COMMON NAMES: Rock sedge

ARCTOS RECORDS: [KNWR:Herb:604](#)

Carex scirpoidea

COMMON NAMES: Northern singlespike sedge

Carex spectabilis

COMMON NAMES: Showy sedge

Carex tenuiflora

COMMON NAMES: Sparseflower sedge

Carex utriculata

COMMON NAMES: Northwest territory sedge

Carex viridula

COMMON NAMES: Little green sedge

Eleocharis palustris

COMMON NAMES: Common spikerush

Eriophorum angustifolium

COMMON NAMES: Tall cottongrass

ARCTOS RECORDS: [KNWR:Herb:1473](#), [KNWR:Herb:636](#)

Eriophorum callitrix

COMMON NAMES: Arctic cottongrass

Eriophorum russeolum

COMMON NAMES: Red cottongrass

Eriophorum scheuchzeri

COMMON NAMES: White cottongrass

Eriophorum vaginatum

COMMON NAMES: Tussock cottongrass

Eriophorum viridicarinatum

COMMON NAMES: Thinleaf cottonsedge

Scirpus microcarpus

COMMON NAMES: Panicked bulrush

ARCTOS RECORDS: [KNWR:Herb:6665](#)

Trichophorum cespitosum

COMMON NAMES: Tufted bulrush

Family Juncaceae

Juncus alpinoarticulatus

COMMON NAMES: Northern green rush

Juncus bufonius

COMMON NAMES: Toad rush

ARCTOS RECORDS: [KNWR:Herb:594](#), [KNWR:Herb:625](#)

Juncus castaneus

COMMON NAMES: Chestnut rush

Juncus filiformis

COMMON NAMES: Thread rush

ARCTOS RECORDS: [KNWR:Herb:609](#)

Juncus mertensianus

COMMON NAMES: Merten's rush

ARCTOS RECORDS: [KNWR:Herb:608](#), [KNWR:Herb:643](#)

Juncus triglumis

COMMON NAMES: Three-hulled rush

Luzula arcuata

COMMON NAMES: Curved woodrush

ARCTOS RECORDS: [KNWR:Herb:10348](#)

Luzula multiflora

COMMON NAMES: Common woodrush

Luzula parviflora

COMMON NAMES: Smallflowered woodrush

ARCTOS RECORDS: [KNWR:Herb:1474](#), [KNWR:Herb:592](#), [KNWR:Herb:623](#), [KNWR:Herb:662](#)

Luzula piperi

COMMON NAMES: Piper's woodrush

Luzula spicata

COMMON NAMES: Spiked woodrush

Luzula wahlenbergii

COMMON NAMES: Wahlenberg's woodrush

Family Poaceae

†**Agrostis capillaris**

COMMON NAMES: Colonial bentgrass

Agrostis mertensii

COMMON NAMES: Northern bentgrass

Agrostis scabra

COMMON NAMES: Rough bentgrass

Alopecurus alpinus

COMMON NAMES: Alpine meadow foxtail

†**Alopecurus geniculatus**

COMMON NAMES: Water foxtail

†**Alopecurus pratensis**

COMMON NAMES: Meadow foxtail

Anthoxanthum monticola

COMMON NAMES: Alpine sweetgrass

Arctagrostis latifolia

COMMON NAMES: Wideleaf polargrass

Arctophila fulva

COMMON NAMES: Pendantgrass

Arctopoa eminens

COMMON NAMES: Largeflower speargrass

†**Bromus inermis**

COMMON NAMES: Smooth brome

Calamagrostis canadensis

COMMON NAMES: Bluejoint, bluejoint reedgrass

Calamagrostis lapponica

COMMON NAMES: Lapland reedgrass

ARCTOS RECORDS: [KNWR:Herb:606](#)

†**Dactylis glomerata**

COMMON NAMES: Orchardgrass

Danthonia intermedia

COMMON NAMES: Timber oatgrass

Deschampsia caespitosa

COMMON NAMES: Tufted hairgrass

Elymus alaskanus

†**Elymus repens**

COMMON NAMES: Quackgrass

†**Elymus sibiricus**

COMMON NAMES: Siberian wildrye

Elymus trachycaulus

COMMON NAMES: Slender wheatgrass

Festuca altaica

COMMON NAMES: Altai fescue

Festuca brachyphylla

COMMON NAMES: Alpine fescue

Festuca rubra

COMMON NAMES: Red fescue

Festuca saximontana

COMMON NAMES: Rocky mountain fescue

Glyceria borealis

COMMON NAMES: Small floating mannagrass

Hierochloa odorata

COMMON NAMES: Sweetgrass

ARCTOS RECORDS: [KNWR:Herb:1453](#), [KNWR:Herb:1456](#)

Hordeum brachyantherum

COMMON NAMES: Meadow barley

INATURALIST OBSERVATIONS: [1787876](#)

†**Hordeum jubatum**

COMMON NAMES: Foxtail barley

Leymus mollis

COMMON NAMES: American dunegrass

†**Lolium multiflorum**

COMMON NAMES: Italian ryegrass

INATURALIST OBSERVATIONS: [1819804](#)

†**Lolium perenne**

COMMON NAMES: Perennial ryegrass

†**Phalaris arundinacea**

COMMON NAMES: Reed canarygrass

Phleum alpinum

COMMON NAMES: Alpine timothy

ARCTOS RECORDS: [KNWR:Herb:1452](#)**†Phleum pratense**

COMMON NAMES: Timothy

ARCTOS RECORDS: [KNWR:Herb:1451](#) iNATURALIST OBSERVATIONS: [1790250](#)**Poa alpina**

COMMON NAMES: Alpine bluegrass

†Poa annua

COMMON NAMES: Annual bluegrass

Poa arctica

COMMON NAMES: Arctic bluegrass

†Poa compressa

COMMON NAMES: Canada bluegrass

Poa glauca

COMMON NAMES: Glaucous bluegrass

ARCTOS RECORDS: [KNWR:Herb:1447](#), [KNWR:Herb:1448](#), [KNWR:-Herb:628](#)**Poa macrocalyx**

COMMON NAMES: Largeglume bluegrass

†Poa pratensis

COMMON NAMES: Kentucky bluegrass, spreading bluegrass

Poa stenantha

COMMON NAMES: Northern bluegrass

†Poa trivialis

COMMON NAMES: Rough bluegrass

Puccinellia nutkaensis

COMMON NAMES: Nootka alkaligrass

Trisetum spicatum

COMMON NAMES: Spike trisetum

ARCTOS RECORDS: [KNWR:Herb:1449](#)**Vahlodea atropurpurea**

COMMON NAMES: Mountain hairgrass

Family Typhaceae**Sparganium hyperboreum**

COMMON NAMES: Northern bur-reed

†Typha latifolia

COMMON NAMES: Broadleaf cattail

Order Ranunculales**Family Papaveraceae****Corydalis pauciflora**

COMMON NAMES: Few flowered corydalis

ARCTOS RECORDS: [KNWR:Herb:6759](#)**Corydalis sempervirens**

COMMON NAMES: Rock harlequin

†Eschscholzia californica

COMMON NAMES: California poppy

iNATURALIST OBSERVATIONS: [4050237](#)**Papaver alboroseum**

COMMON NAMES: Pale poppy

ARCTOS RECORDS: [KNWR:Herb:10350](#)**†Papaver nudicaule**

COMMON NAMES: Iceland poppy

iNATURALIST OBSERVATIONS: [4050288](#)**Family Ranunculaceae****Aconitum delphiniifolium**

COMMON NAMES: Larkspurleaf monkshood

iNATURALIST OBSERVATIONS: [23857](#)**Actaea rubra**

COMMON NAMES: Red baneberry

Anemone narcissiflora

COMMON NAMES: Narcissus anemone

ARCTOS RECORDS: [KNWR:Herb:10361](#), [KNWR:Herb:678](#) iNATURALIST OBSERVATIONS: [114284](#)**Anemone parviflora**

COMMON NAMES: Smallflowered anemone

Anemone richardsonii

COMMON NAMES: Yellow thimbleweed

ARCTOS RECORDS: [KNWR:Herb:676](#), [KNWR:Herb:677](#), [KNWR:-Herb:679](#)**Aquilegia formosa**

COMMON NAMES: Western columbine

ARCTOS RECORDS: [KNWR:Herb:675](#) iNATURALIST OBSERVATIONS: [21157](#), [799845](#)**Aquilegia shockleyi**

COMMON NAMES: Western columbine

Caltha leptosepala

COMMON NAMES: White marsh marigold

ARCTOS RECORDS: [KNWR:Herb:674](#)**Caltha palustris**

COMMON NAMES: Yellow marsh marigold

Coptis trifolia

COMMON NAMES: Threeleaf goldthread

Delphinium glaucum

COMMON NAMES: Mountain larkspur

iNATURALIST OBSERVATIONS: [114307](#)**Ranunculus eschscholtzii**

COMMON NAMES: Eschscholtz's buttercup

Ranunculus hyperboreus

COMMON NAMES: High northern buttercup

Ranunculus lapponicus

COMMON NAMES: Lapland buttercup

Ranunculus nivalis

COMMON NAMES: Snow buttercup

Ranunculus occidentalis

COMMON NAMES: Western buttercup

Ranunculus trichophyllum

COMMON NAMES: Threadleaf crowfoot

Thalictrum sparsiflorum

COMMON NAMES: Fewflower meadow-rue

Order Rosales**Family Elaeagnaceae****Shepherdia canadensis**

COMMON NAMES: Russet buffaloberry

Family Rosaceae**Amelanchier alnifolia**

COMMON NAMES: Western serviceberry

ARCTOS RECORDS: [KNWR:Herb:700](#)**Argentina egedii**

COMMON NAMES: Pacific silverweed

Comarum palustre

COMMON NAMES: Purple marshlocks

INATURALIST OBSERVATIONS: [503264](#)**Dasiphora fruticosa**

COMMON NAMES: Shrubby cinquefoil

Dryas drummondii

COMMON NAMES: Drummond's mountain-avens

Dryas integrifolia

COMMON NAMES: Entireleaf mountain-avens

ARCTOS RECORDS: [KNWR:Herb:705](#)**Dryas octopetala**

COMMON NAMES: Eightpetal mountain-avens

ARCTOS RECORDS: [KNWR:Herb:10376](#)**†Fragaria vesca**

COMMON NAMES: Woodland strawberry

†Fragaria X ananassa

COMMON NAMES: Domestic strawberry

Geum calthifolium

COMMON NAMES: Calthaleaf avens

ARCTOS RECORDS: [KNWR:Herb:704](#)**Geum macrophyllum**

COMMON NAMES: Largeleaf avens

ARCTOS RECORDS: [KNWR:Herb:754](#)**Geum rossii**

COMMON NAMES: Ross's avens

Luetkea pectinata

COMMON NAMES: Partridgefoot

ARCTOS RECORDS: [KNWR:Herb:698](#) INATURALIST OBSERVATIONS: [114294](#)**Potentilla diversifolia**

COMMON NAMES: Varileaf cinquefoil

ARCTOS RECORDS: [KNWR:Herb:752](#)**Potentilla furcata**

COMMON NAMES: Forked cinquefoil

Potentilla gracilis

COMMON NAMES: Slender cinquefoil

Potentilla nana

COMMON NAMES: Arctic cinquefoil

Potentilla norvegica

COMMON NAMES: Norwegian cinquefoil

Potentilla pensylvanica

COMMON NAMES: Pennsylvania cinquefoil

Potentilla uniflora

COMMON NAMES: Oneflower cinquefoil

Potentilla vahliana

COMMON NAMES: Vahl's cinquefoil

ARCTOS RECORDS: [KNWR:Herb:751](#)**Potentilla villosa**

COMMON NAMES: Villous cinquefoil

ARCTOS RECORDS: [KNWR:Herb:10355](#), [KNWR:Herb:748](#), [KNWR:Herb:749](#), [KNWR:Herb:750](#)**Rosa acicularis**

COMMON NAMES: Prickly rose

ARCTOS RECORDS: [KNWR:Herb:706](#) INATURALIST OBSERVATIONS: [125340](#)**Rosa nutkana**

COMMON NAMES: Nootka rose

Rubus arcticus

COMMON NAMES: Arctic raspberry

ARCTOS RECORDS: [KNWR:Herb:702](#)**Rubus chamaemorus**

COMMON NAMES: Cloudberry

INATURALIST OBSERVATIONS: [1754995](#), [1790143](#)**Rubus idaeus**

COMMON NAMES: American red raspberry

Rubus pedatus

COMMON NAMES: Strawberryleaf raspberry

ARCTOS RECORDS: [KNWR:Herb:701](#)**Rubus spectabilis**

COMMON NAMES: Salmonberry

ARCTOS RECORDS: [KNWR:Herb:703](#)**Sanguisorba canadensis**SYNONYMS: *Sanguisorba sitchensis*, *Sanguisorba stipulata*

COMMON NAMES: Canadian burnet

INATURALIST OBSERVATIONS: [114301](#)**Sibbaldia procumbens**

COMMON NAMES: Creeping sibbaldia

ARCTOS RECORDS: [KNWR:Herb:753](#)**Sorbus scopulina**

COMMON NAMES: Greene's mountain ash

Sorbus sitchensis

COMMON NAMES: Western mountain ash

Spiraea douglasii

COMMON NAMES: Rose spirea

Spiraea stevenii

COMMON NAMES: Beauverd spirea

Family Urticaceae**Urtica dioica**

COMMON NAMES: Stinging nettle

Order Santalales**Family Santalaceae****Geocaulon lividum**

COMMON NAMES: False toadflax

Order Saxifragales**Family Crassulaceae****Rhodiola integrifolia**SYNONYMS: *Sedum rosea*

COMMON NAMES: Ledge stonecrop

ARCTOS RECORDS: [KNWR:Herb:1464](#), [KNWR:Herb:1466](#), [KNWR:Herb:689](#) INATURALIST OBSERVATIONS: [114277](#)**Family Grossulariaceae****Ribes bracteosum**

COMMON NAMES: Stink currant

Ribes glandulosum

COMMON NAMES: Skunk currant

Ribes hudsonianum

COMMON NAMES: Northern black currant

Ribes lacustre

COMMON NAMES: Prickly currant

Ribes laxiflorum

COMMON NAMES: Trailing black currant

ARCTOS RECORDS: [KNWR:Herb:694](#), [KNWR:Herb:695](#)

Ribes triste

COMMON NAMES: Red currant

Family Haloragaceae

Myriophyllum farwellii

COMMON NAMES: Farwell's watermilfoil

Myriophyllum sibiricum

COMMON NAMES: Shortspike watermilfoil

Myriophyllum verticillatum

COMMON NAMES: Whorl-leaf watermilfoil

Family Saxifragaceae

Chrysosplenium tetrandrum

COMMON NAMES: Northern golden saxifrage

ARCTOS RECORDS: [KNWR:Herb:693](#) iNATURALIST OBSERVATIONS: [4050176](#)

Heuchera glabra

COMMON NAMES: Alpine heuchera

ARCTOS RECORDS: [KNWR:Herb:692](#)

Leptarrhena pyrolifolia

COMMON NAMES: Fireleaf leptarrhena

Saxifraga bronchialis

COMMON NAMES: Yellowdot saxifrage

ARCTOS RECORDS: [KNWR:Herb:1468](#), [KNWR:Herb:690](#) iNATURALIST OBSERVATIONS: [114291](#)

Saxifraga nelsoniana

SYNONYMS: *Micranthes nelsoniana*

COMMON NAMES: Heartleaf saxifrage

Saxifraga nivalis

SYNONYMS: *Micranthes nivalis*

COMMON NAMES: Alpine saxifrage

Saxifraga oppositifolia

COMMON NAMES: Purple mountain saxifrage

ARCTOS RECORDS: [KNWR:Herb:10353](#), [KNWR:Herb:10373](#)

Saxifraga punctata

ARCTOS RECORDS: [KNWR:Herb:691](#)

Saxifraga tricuspidata

COMMON NAMES: Three toothed saxifrage

ARCTOS RECORDS: [KNWR:Herb:10352](#), [KNWR:Herb:10372](#)

Tiarella trifoliata

COMMON NAMES: Threeleaf foamflower

Class Pinopsida

Order Cupressales

Family Cupressaceae

Juniperus communis

COMMON NAMES: Common juniper

ARCTOS RECORDS: [KNWR:Herb:1460](#)

Order Pinales

Family Pinaceae

Picea glauca

COMMON NAMES: White spruce

Picea mariana

COMMON NAMES: Black spruce

Picea X lutzii

COMMON NAMES: Lutz's spruce

†Pinus contorta

iNATURALIST OBSERVATIONS: [3672943](#)

Tsuga mertensiana

COMMON NAMES: Mountain hemlock

LITERATURE RECORDS: [Johnson \(2016\)](#) iNATURALIST OBSERVATIONS: [114286](#), [800013](#)

Class Polypodiopsida

Order Polypodiales

Family Dryopteridaceae

Dryopteris expansa

COMMON NAMES: Spreading woodfern

ARCTOS RECORDS: [KNWR:Herb:1461](#) iNATURALIST OBSERVATIONS: [125365](#)

Dryopteris fragrans

COMMON NAMES: Fragrant shield-fern

Polystichum lonchitis

COMMON NAMES: Northern hollyfern

Family Pteridaceae

Cryptogramma acrostichoides

COMMON NAMES: American rockbrake

Cryptogramma crispa

COMMON NAMES: Parsley fern

ARCTOS RECORDS: [KNWR:Herb:1457](#), [KNWR:Herb:1458](#)

Family Thelypteridaceae

Phegopteris connectilis

COMMON NAMES: Long beechfern

iNATURALIST OBSERVATIONS: [1558344](#)

Family Woodsiaceae

Athyrium filix-femina

COMMON NAMES: Common ladyfern

Cystopteris fragilis

COMMON NAMES: Brittle bladderfern

Gymnocarpium dryopteris

COMMON NAMES: Western oakfern

Woodsia ilvensis

COMMON NAMES: Rusty woodsia

Class Psilotopsida

Order Ophioglossales

Family Ophioglossaceae

Botrychium boreale

COMMON NAMES: Northern moonwort

Botrychium lunaria

COMMON NAMES: Common moonwort

Bryophytes**Division Bryophyta****Class Bryopsida****Order Bartramiales****Family Bartramiaceae****Bartramia pomiformis**

COMMON NAMES: Bartramia moss

Conostomum tetragonum

COMMON NAMES: Conostomum moss

Order Bryales**Family Bryaceae****Bryum caespiticium**

COMMON NAMES: Dry calcareous bryum moss

Bryum weigelii

COMMON NAMES: Weigel's bryum moss

Leptobryum pyriforme

COMMON NAMES: Leptobryum moss

Pohlia cruda

COMMON NAMES: Pohlia moss

Pohlia elongata

COMMON NAMES: Elongate pohlia moss

Pohlia nutans

COMMON NAMES: Pohlia moss

Pohlia vexans

COMMON NAMES: Pohlia moss

Pohlia wahlenbergii

COMMON NAMES: Wahlenberg's pohlia moss

Family Mniaceae**Cinclidium stygium**

COMMON NAMES: Cinclidium moss

Cinclidium subrotundumGENBANK SEQUENCES: [JX843230.1](#)**Mnium spinulosum**

COMMON NAMES: Largetooth calcareous moss

Plagiomnium ciliare**Plagiomnium ellipticum****Plagiomnium insigne****Plagiomnium medium**

COMMON NAMES: Intermediate plagiomnium moss

Plagiomnium rostratum

COMMON NAMES: Plagiomnium moss

Pseudobryum cinclidioides

COMMON NAMES: Pseudobryum moss

Rhizomnium magnifolium

COMMON NAMES: Grandleaf rhizomnium moss

Rhizomnium nudum

COMMON NAMES: Naked rhizomnium moss

Order Dicranales**Family Dicranaceae****Cynodontium polycarpon**

COMMON NAMES: Cynodontium moss

Cynodontium strumiferum

COMMON NAMES: Cynodontium moss

Dichodontium pellucidum

COMMON NAMES: Dichodontium moss

Dicranella subulata

COMMON NAMES: Dicranella moss

Dicranoweisia crispula

COMMON NAMES: Dicranoweisia moss

Dicranum acutifolium

COMMON NAMES: Acuteleaf dicranum moss

Dicranum brevifolium

COMMON NAMES: Shortleaf dicranum moss

Dicranum elongatum

COMMON NAMES: Elongate dicranum moss

Dicranum fuscescens

COMMON NAMES: Dicranum moss

Dicranum howellii

COMMON NAMES: Howell's dicranum moss

Dicranum majus

COMMON NAMES: Dicranum moss

Dicranum montanum

COMMON NAMES: Montane dicranum moss

Dicranum polysetum

COMMON NAMES: Undulate dicranum moss

Dicranum scoparium

COMMON NAMES: Dicranum moss

Dicranum tauricum

COMMON NAMES: Dicranum moss

Oncophorus virens**Oncophorus wahlenbergii****Family Ditrichaceae****Ceratodon purpureus**

COMMON NAMES: Ceratodon moss

Distichium capillaceum

COMMON NAMES: Distichium moss

Order Grimmiiales**Family Grimmiaceae****Grimmia anodon**

COMMON NAMES: Grimmia dry rock moss

Grimmia donniana

COMMON NAMES: Donn's dry rock moss

Racomitrium affine

COMMON NAMES: Racomitrium moss

Racomitrium canescens

COMMON NAMES: Racomitrium moss

Racomitrium ericoides

COMMON NAMES: Racomitrium moss

Racomitrium heterostichum

COMMON NAMES: Racomitrium moss

Racomitrium lanuginosum

COMMON NAMES: Racomitrium moss

Racomitrium microcarpon

COMMON NAMES: Racomitrium moss

Racomitrium sudeticum

COMMON NAMES: Racomitrium moss

Schistidium apocarpum

Schistidium boreale

Schistidium frigidum

Order Hypnales

Family Amblystegiaceae

Amblystegium serpens

COMMON NAMES: Amblystegium moss

Calliergon cordifolium

COMMON NAMES: Calliergon moss

Calliergon giganteum

COMMON NAMES: Giant calliergon moss

Calliergon stramineum

COMMON NAMES: Calliergon moss

Campylium hispidulum

COMMON NAMES: Hispid campylium moss

Campylium stellatum

COMMON NAMES: Star campylium moss

Drepanocladus sendtneri

COMMON NAMES: Sendtner's drepanocladus moss

Hamatocaulis vernicosus

COMMON NAMES: Hamatocaulis moss

Leptodictyum humile

Limprichtia revolvens

COMMON NAMES: Limprichtia moss

Palustriella commutata

COMMON NAMES: Palustriella moss

Pseudocalliergon turgescens

COMMON NAMES: Pseudobryum moss

Sanionia uncinata

COMMON NAMES: Sanionia moss

Sarmenthypnum sarmentosum

COMMON NAMES: Sarmenthypnum moss

Scorpidium scorpioides

COMMON NAMES: Scorpidium moss

Family Brachytheciaceae

Brachythecium albicans

COMMON NAMES: Brachythecium moss

Brachythecium calcareum

COMMON NAMES: Calcareous brachythecium moss

Brachythecium oedipodium

COMMON NAMES: Brachythecium moss

Brachythecium oxycladon

Brachythecium reflexum

COMMON NAMES: Brachythecium moss

Brachythecium rutabulum

COMMON NAMES: Brachythecium moss

Brachythecium salebrosum

COMMON NAMES: Brachythecium moss

Brachythecium velutinum

COMMON NAMES: Brachythecium moss

Eurhynchium oreganum

COMMON NAMES: Oregon eurhynchium moss

Eurhynchium pulchellum

COMMON NAMES: Eurhynchium moss

Pseudoscleropodium purum

COMMON NAMES: Pseudoscleropodium moss

Tomenthypnum nitens

COMMON NAMES: Sickleaf tomentypnum moss

Family Climaciaceae

Climacium dendroides

COMMON NAMES: Tree climacium moss

Family Helodiaceae

Helodium blandowii

COMMON NAMES: Blandow's helodium moss

Family Hylocomiaceae

Hylocomiastrum umbratum

COMMON NAMES: Hylocomiastrum moss

Hylocomium splendens

COMMON NAMES: Splendid feather moss

Pleurozium schreberi

COMMON NAMES: Schreber's big red stem moss

Rhytidiadelphus loreus

COMMON NAMES: Goose neck moss

Rhytidiadelphus squarrosus

COMMON NAMES: Square goose neck moss

Rhytidiadelphus triquetrus

COMMON NAMES: Rough goose neck moss

Family Hypnaceae

Hypnum circinale

COMMON NAMES: Hypnum moss

Hypnum revolutum

COMMON NAMES: Revolute hypnum moss

Hypnum subimponens

COMMON NAMES: Hypnum moss

Pseudotaxiphyllum elegans

COMMON NAMES: Elegant pseudotaxiphyllum moss

Ptilium crista-castrensis

COMMON NAMES: Knights plume moss

Pylaisiella polyantha

COMMON NAMES: Pylaisiella moss

Family Leskeaceae

Pseudoleskea incurvata

COMMON NAMES: Pseudoleskea moss

Family Plagiotheciaceae

Plagiothecium denticulatum

COMMON NAMES: Toothed plagiothecium moss

Plagiothecium laetum

COMMON NAMES: Plagiomnium moss

Family Pterigynandraceae

Myurella sibirica

Family Rhytidiaceae

Rhytidium rugosum

COMMON NAMES: Rhytidium moss

Order Orthotrichales

Family Orthotrichaceae

Orthotrichum obtusifolium

Orthotrichum rupestre

Order Pottiales

Family Pottiaceae

Desmatodon latifolius

COMMON NAMES: Wideleaf desmatodon moss

Tortella tortuosa

COMMON NAMES: Tortured tortella moss

Tortula norvegica

COMMON NAMES: Norwegian tortula moss

Tortula ruralis

COMMON NAMES: Tortula moss

Order Rhizogoniales

Family Aulacomniaceae

Aulacomnium androgynum

COMMON NAMES: Aulacomnium moss

Aulacomnium palustre

COMMON NAMES: Aulacomnium moss

Aulacomnium turgidum

COMMON NAMES: Turgid aulacomnium moss

Order Splachnales

Family Meesiaceae

Meesia longiseta

GENBANK SEQUENCES: [KC333337.1](#)

Meesia uliginosa

COMMON NAMES: Meesia moss

Paludella squarrosa

Family Splachnaceae

Splachnum sphaericum

COMMON NAMES: Pinkstink dung moss

INATURALIST OBSERVATIONS: [806448](#)

Tetraplodon mnioides

COMMON NAMES: Entireleaf nitrogen moss

Order Timmiales

Family Timmiaceae

Timmia austriaca

COMMON NAMES: Austria timmia moss

Class Jungermanniopsida

Order Jungermanniales

Family Calypogeiaceae

Calypogeia neesiana

Family Cephaloziaceae

Cephalozia lunulifolia

Pleurocladula albescens

Family Gymnomitriaceae

Gymnomitrium corralioides

Gymnomitrium pacificum

Marsupella condensata

Family Jungermanniaceae

Tetralophozia setiformis

Family Lepidoziaceae

Lepidozia reptans

COMMON NAMES: Little hands liverwort

Family Lophocoleaceae

Lophocolea heterophylla

Family Myliaceae

Mylia anomala

Family Plagiochilaceae

Plagiochila asplenoides

Family Pseudolepicoleaceae

Blepharostoma trichophyllum

COMMON NAMES: Blepharostoma

Family Scapaniaceae

Anastrophyllum minutum

Barbilophozia attenuata

Barbilophozia barbata

COMMON NAMES: Barbilophozia

Barbilophozia hatcheri

Barbilophozia kunzeana

Barbilophozia lycopodioides

Barbilophozia quadriloba

COMMON NAMES: Fourlobe barbilophozia

Chandonanthus setiformis

Diplophyllum obtusifolium

Diplophyllum taxifolium

Gymnocolea inflata

Lophozia bicrenata

Lophozia incisa

Lophozia obtusa

Lophozia sudetica

Lophozia ventricosa

Scapania hyperborea
Scapania scandica
Tritomaria quinquedentata

Family Solenostomataceae

Nardia scalaris

Order Metzgeriales

Family Aneuraceae

Aneura pinguis

Order Porellales

Family Porellaceae

Porella cordaeana

Order Ptilidiales

Family Ptilidiaceae

Ptilidium ciliare

Ptilidium pulcherrimum

Class Marchantiopsida

Order Marchantiales

Family Conocephalaceae

Conocephalum conicum

Family Marchantiaceae

Marchantia polymorpha

COMMON NAMES: Liverwort

Class Polytrichopsida

Order Polytrichales

Family Polytrichaceae

Pogonatum contortum

COMMON NAMES: Contorted pogonatum moss

Pogonatum urnigerum

Polytrichastrum alpinum

COMMON NAMES: Alpine polytrichastrum moss

Polytrichum commune

COMMON NAMES: Polytrichum moss

Polytrichum juniperinum

COMMON NAMES: Haircap moss

Polytrichum longisetum

COMMON NAMES: Polytrichum moss

Polytrichum lyallii

COMMON NAMES: Lyall's polytrichum moss

Polytrichum piliferum

COMMON NAMES: Polytrichum moss

Polytrichum sexangulare

COMMON NAMES: Polytrichum moss

Polytrichum strictum

COMMON NAMES: Polytrichum moss

Class Sphagnopsida

Order Sphagnales

Family Sphagnaceae

Sphagnum alaskense

COMMON NAMES: Sphagnum

Sphagnum angustifolium

COMMON NAMES: Sphagnum

Sphagnum balticum

COMMON NAMES: Baltic sphagnum

Sphagnum bergianum

COMMON NAMES: Berg's sphagnum

Sphagnum capillifolium

COMMON NAMES: Sphagnum

Sphagnum compactum

COMMON NAMES: Low sphagnum

Sphagnum fuscum

COMMON NAMES: Sphagnum

Sphagnum girgensohnii

COMMON NAMES: Girgensohn's sphagnum

Sphagnum kenaiense

Sphagnum magellanicum

COMMON NAMES: Magellan's sphagnum

Sphagnum nitidum

COMMON NAMES: Sphagnum

Sphagnum papillosum

COMMON NAMES: Papillose sphagnum

Sphagnum riparium

COMMON NAMES: Streamside sphagnum

Sphagnum russowii

COMMON NAMES: Russow's sphagnum

Sphagnum squarrosum

COMMON NAMES: Sphagnum

Sphagnum steerei

COMMON NAMES: Steere's sphagnum

Sphagnum subsecundum

COMMON NAMES: Sphagnum

Sphagnum teres

COMMON NAMES: Sphagnum

Sphagnum warnstorffii

COMMON NAMES: Warnstorff's sphagnum

Class Tetrarhizopsida

Order Tetrarhizales

Family Tetrarhizaceae

Tetrarhizella pellucida

COMMON NAMES: Tetrarhizella moss

Fungi**Division Ascomycota****Class Arthoniomycetes****Order Arthoniales****Family Arthoniaceae****Arthonia apatetica**

COMMON NAMES: Dot lichen

Arthonia edgewoodensis

COMMON NAMES: Dot lichen

Family Chrysotrichaceae**Chrysothrix candelaris**

COMMON NAMES: Dust lichen

Class Chaetothyriomycetes**Order Verrucariales****Family Verrucariaceae****Verrucaria acrotella**

COMMON NAMES: Wart lichen

Class Dothideomycetes**Order Botryosphaeriales****Family Botryosphaeriaceae****Diplodia tumefaciens**

COMMON NAMES: Branch gall canker of poplar

INATURALIST OBSERVATIONS: [2707864](#)**Class Eurotiomycetes****Order Mycocaliciales****Family Mycocaliciaceae****Chaenothecopsis aeruginosa**

COMMON NAMES: Chaenothecopsis lichen

Chaenothecopsis nana

COMMON NAMES: Chaenothecopsis lichen

Mycocalicium subtile

COMMON NAMES: Mycocalicium lichen

Phaeocalicium compressulum

COMMON NAMES: Phaeocalicium lichen

Stenocybe pullatula

COMMON NAMES: Stenocybe lichen

Class Lecanoromycetes**Family Acarosporaceae****Acarospora smaragdula**

COMMON NAMES: Cracked lichen

Family Hymeneliaceae**Aspicilia myrinii**

COMMON NAMES: Myrin's aspicilia

Aspicilia nigrinii**Tremolecia atrata**

COMMON NAMES: Disc lichen

Family Icmadophilaceae**Icmadophila ericetorum**

COMMON NAMES: Peppermint drop lichen

ARCTOS RECORDS: [KNWR:Herb:9022](#)**Thamnolia vermicularis**

COMMON NAMES: Whiteworm lichen

ARCTOS RECORDS: [KNWR:Herb:8849](#), [KNWR:Herb:9089](#)**Family Umbilicariaceae****Umbilicaria angulata**

COMMON NAMES: Navel lichen

Umbilicaria arctica

COMMON NAMES: Arctic navel lichen

Umbilicaria caroliniana

COMMON NAMES: Carolina navel lichen

ARCTOS RECORDS: [KNWR:Herb:9093](#)**Umbilicaria cylindrica**

COMMON NAMES: Cylindric navel lichen

ARCTOS RECORDS: [KNWR:Herb:9094](#)**Umbilicaria deusta**

COMMON NAMES: Navel lichen

ARCTOS RECORDS: [KNWR:Herb:9095](#)**Umbilicaria hyperborea**

COMMON NAMES: Navel lichen

Umbilicaria krascheninnikovii

COMMON NAMES: Krascheninnikov's navel lichen

Umbilicaria proboscidea

COMMON NAMES: Navel lichen

ARCTOS RECORDS: [KNWR:Herb:8853](#), [KNWR:Herb:9098](#), [KNWR:Herb:9099](#)**Umbilicaria torrefacta**

COMMON NAMES: Navel lichen

ARCTOS RECORDS: [KNWR:Herb:9100](#)**Umbilicaria hyperborea**

COMMON NAMES: Blistered rocktripe

Order Agyriales**Family Agyriaceae****Placynthiella dasaea****Schaereria corticola****Trapeliopsis granulosa**

COMMON NAMES: Granular trapeliopsis lichen

Xylographa parallela**Xylographa vitiligo**

COMMON NAMES: Xylographa lichen

Order Lecanorales**Family Bacidiaceae****Bacidia rosella**

COMMON NAMES: Dotted lichen

Biatora albohyalina**Biatora pallens****Biatora vernalis**

COMMON NAMES: Spring biatora lichen

Catinaria atropurpurea

COMMON NAMES: Catinaria lichen

Catinaria neuschildii

COMMON NAMES: Catinaria lichen

Cliostomum griffithii

COMMON NAMES: Griffith's cliostomum lichen

Japewia subaurifera

COMMON NAMES: Japewia lichen

Japewia tornoensis

COMMON NAMES: Japewia lichen

Lecania cyrtella

COMMON NAMES: Lecania lichen

Family Baeomycetaceae

Baeomyces placophyllus

COMMON NAMES: Cap lichen

Baeomyces rufus

COMMON NAMES: Cap lichen

Family Caliciaceae

Calicium adaequatum

COMMON NAMES: Adequate spike lichen

Calicium lenticulare

COMMON NAMES: Spike lichen

Calicium viride

COMMON NAMES: Spike lichen

Family Candelariaceae

Candelariella terrigena

COMMON NAMES: Eggvolk lichen

Candelariella xanthostigma

COMMON NAMES: Eggvolk lichen

Family Cladoniaceae

Cladina arbuscula

COMMON NAMES: Reindeer lichen

Cladina ciliata

COMMON NAMES: Ciliate reindeer lichen

Cladina mitis

COMMON NAMES: Reindeer lichen

ARCTOS RECORDS: [KNWR:Herb:8861](#)

Cladina portentosa

COMMON NAMES: Reindeer lichen

Cladina rangiferina

COMMON NAMES: Greygreen reindeer lichen

ARCTOS RECORDS: [KNWR:Herb:8862](#)

Cladina stellaris

COMMON NAMES: Star reindeer lichen

ARCTOS RECORDS: [KNWR:Herb:8859](#)

Cladina stygia

COMMON NAMES: Black-footed reindeer

Cladonia acuminata

COMMON NAMES: Acutetip cup lichen

Cladonia albonigra

Cladonia amaurocraea

COMMON NAMES: Cup lichen

ARCTOS RECORDS: [KNWR:Herb:8857](#)

Cladonia bacilliformis

COMMON NAMES: Cup lichen

Cladonia bellidiflora

COMMON NAMES: Cup lichen

Cladonia borealis

COMMON NAMES: Boreal cup lichen

Cladonia cariosa

COMMON NAMES: Cup lichen

Cladonia carneola

COMMON NAMES: Cup lichen

Cladonia cenotea

COMMON NAMES: Cup lichen

Cladonia chlorophaea

COMMON NAMES: Cup lichen

Cladonia coccifera

COMMON NAMES: Cup lichen

Cladonia coniocraea

COMMON NAMES: Cup lichen

Cladonia cornuta

COMMON NAMES: Cup lichen

Cladonia crispata

COMMON NAMES: Cup lichen

Cladonia deformis

COMMON NAMES: Deformed cup lichen

Cladonia digitata

COMMON NAMES: Finger cup lichen

Cladonia ecmocyna

COMMON NAMES: Cup lichen

Cladonia fimbriata

COMMON NAMES: Cup lichen

Cladonia furcata

Cladonia gracilis

COMMON NAMES: Cup lichen

ARCTOS RECORDS: [KNWR:Herb:8858](#)

Cladonia grayi

Cladonia hookeri

Cladonia kanewskii

COMMON NAMES: Kanewsk's cup lichen

Cladonia macilenta

COMMON NAMES: Cup lichen

Cladonia macroceras

COMMON NAMES: Cup lichen

Cladonia macrophyllodes

COMMON NAMES: Cup lichen

Cladonia maxima

COMMON NAMES: Cup lichen

Cladonia metacorallifera

COMMON NAMES: Cup lichen

Cladonia multiformis

COMMON NAMES: Cup lichen

Cladonia norvegica

Cladonia ochrochlora

COMMON NAMES: Cup lichen

Cladonia phyllophora

COMMON NAMES: Cup lichen

Cladonia pleurota

COMMON NAMES: Cup lichen

Cladonia pyxidata

COMMON NAMES: Cup lichen

Cladonia rei

COMMON NAMES: Cup lichen

Cladonia scabriuscula

COMMON NAMES: Cup lichen

Cladonia squamosa

COMMON NAMES: Cup lichen

Cladonia stricta

COMMON NAMES: Cup lichen

Cladonia subfurcata

COMMON NAMES: Cup lichen

Cladonia subulata

COMMON NAMES: Cup lichen

Cladonia sulphurina

COMMON NAMES: Sulphur cup lichen

Cladonia symphycarpa

COMMON NAMES: Cup lichen

Cladonia umbricola

COMMON NAMES: Cup lichen, shaded cladonia

Cladonia uncialis

COMMON NAMES: Cup lichen

ARCTOS RECORDS: [KNWR:Herb:8856](#)

Family Collemataceae

Collema furfuraceum

COMMON NAMES: Jelly lichen

Collema subflaccidum

COMMON NAMES: Jelly lichen

Leptogium burnetiae

Leptogium saturninum

COMMON NAMES: Saturn skin lichen

Leptogium teretiusculum

COMMON NAMES: Terete skin lichen

Family Ectolechiaceae

Lopadium coralloideum

COMMON NAMES: Coral granular lichen

Lopadium pezizoideum

COMMON NAMES: Granular lichen

Family Lecanoraceae

Lecanora boligera

COMMON NAMES: Rim lichen

Lecanora chlarotera

COMMON NAMES: Rim lichen

Lecanora circumborealis

COMMON NAMES: Arctic rim lichen

Lecanora farinaria

COMMON NAMES: Rim lichen

Lecanora fuliginosa

Lecanora fuscescens

COMMON NAMES: Rim lichen

Lecanora hagenii

COMMON NAMES: Hagen's rim lichen

Lecanora phaeostigma

Lecanora piniperda

COMMON NAMES: Rim lichen

Lecanora polytropa

COMMON NAMES: Rim lichen

Lecanora pulicaris

COMMON NAMES: Rim lichen

Lecanora rupicola

COMMON NAMES: Rim lichen

Lecanora schizochromatica

Lecanora symmicta

COMMON NAMES: Rim lichen

Lecanora varia

COMMON NAMES: Rim lichen

Lecidella elaeochroma

COMMON NAMES: Lecidella lichen

Lecidella euphorea

COMMON NAMES: Lecidella lichen

Lecidella wulfenii

COMMON NAMES: Wulfen's lecidella lichen

Pycnora elachista

Pycnora leucococca

Pycnora sorophora

Ramboldia cinnabarina

Scoliciosporum perpusillum

Family Lecideaceae

Lecidea amaurospoda

Lecidea leprarioides

Lecidea nylanderi

COMMON NAMES: Nylander's lecidea lichen

Lecidea rubrocastanea

Family Lobariaceae

Lobaria hallii

COMMON NAMES: Hall's lung lichen

Lobaria linita

COMMON NAMES: Lung lichen

ARCTOS RECORDS: [KNWR:Herb:8854](#), [KNWR:Herb:9026](#)

Lobaria pulmonaria

COMMON NAMES: Lung lichen

INATURALIST OBSERVATIONS: [115173](#)

Lobaria scrobiculata

COMMON NAMES: Lung lichen

Pseudocyphellaria crocata

COMMON NAMES: Pseudocyphellaria lichen

Family Megalariaceae

Megalaria verrucosa

Family Micareaceae**Micarea denigrata**

COMMON NAMES: Dot lichen

Micarea viridileprosa**Family Mycoblastaceae****Mycoblastus affinis**

COMMON NAMES: Blood lichen

ARCTOS RECORDS: [KNWR:Herb:9039](#)**Mycoblastus alpinus**

COMMON NAMES: Alpine blood lichen

Mycoblastus sanguinarius

COMMON NAMES: Blood lichen

Family Nephromataceae**Nephroma arcticum**

COMMON NAMES: Arctic kidney lichen

ARCTOS RECORDS: [KNWR:Herb:9040](#) iNATURALIST OBSERVATIONS:
114280**Nephroma bellum**

COMMON NAMES: Kidney lichen

Nephroma expallidum

COMMON NAMES: Kidney lichen

Nephroma parile

COMMON NAMES: Kidney lichen

Family Pannariaceae**Fuscopannaria confusa****Leproloma membranaceum**

COMMON NAMES: Leproloma lichen

Pannaria praetermissa**Psoroma hypnorum**

COMMON NAMES: Bowl lichen

Family Parmeliaceae**Alectoria nigricans**

COMMON NAMES: Witch's hair lichen

Alectoria sarmentosa

COMMON NAMES: Witch's hair lichen

ARCTOS RECORDS: [KNWR:Herb:9001](#)**Allantoparmelia alpicola**

COMMON NAMES: Allantoparmelia lichen

ARCTOS RECORDS: [KNWR:Herb:9002](#)**Arctoparmelia centrifuga**

COMMON NAMES: Arctoparmelia lichen

ARCTOS RECORDS: [KNWR:Herb:9003](#)**Arctoparmelia incurva**

COMMON NAMES: Arctoparmelia lichen

Arctoparmelia separata

COMMON NAMES: Arctoparmelia lichen

Asahinea chrysantha

COMMON NAMES: Golden asahinea lichen

Asahinea scholanderi

COMMON NAMES: Scholander's asahinea lichen

ARCTOS RECORDS: [KNWR:Herb:9005](#)**Brodoa oroarctica**

COMMON NAMES: Arctic brodoa lichen

Bryocaulon divergens

COMMON NAMES: Bryocaulon lichen

ARCTOS RECORDS: [KNWR:Herb:8847](#), [KNWR:Herb:9006](#)**Bryoria capillaris**

COMMON NAMES: Horsehair lichen

Bryoria carlottae

COMMON NAMES: Carlott's horsehair lichen

Bryoria fremontii

COMMON NAMES: Fremont's horsehair lichen

Bryoria fuscescens

COMMON NAMES: Horsehair lichen

Bryoria glabra

COMMON NAMES: Horsehair lichen

Bryoria lanestris

COMMON NAMES: Horsehair lichen

Bryoria nitidula

COMMON NAMES: Horsehair lichen

Bryoria pseudofuscescens

COMMON NAMES: Horsehair lichen

Bryoria simplicior

COMMON NAMES: Horsehair lichen

Cetraria aculeata**Cetraria commixta****Cetraria cucullata**ARCTOS RECORDS: [KNWR:Herb:9008](#)**Cetraria ericetorum**

COMMON NAMES: Cetraria lichen

ARCTOS RECORDS: [KNWR:Herb:8845](#)**Cetraria hepatizon****Cetraria islandica**

COMMON NAMES: Island cetraria lichen

ARCTOS RECORDS: [KNWR:Herb:8844](#)**Cetraria kamczatica**

COMMON NAMES: Kamchatka cetraria lichen

ARCTOS RECORDS: [KNWR:Herb:9009](#)**Cetraria laevigata**

COMMON NAMES: Cetraria lichen

ARCTOS RECORDS: [KNWR:Herb:9010](#)**Cetraria nigricans**

COMMON NAMES: Blackened icelandmoss

ARCTOS RECORDS: [KNWR:Herb:9011](#)**Cetraria nigricascens****Cetraria nivalis**

COMMON NAMES: Ragged snow

Cetrariella deliseiARCTOS RECORDS: [KNWR:Herb:9013](#)**Coelocaulon aculeatum****Dactylina arctica**

COMMON NAMES: Arctic dactylina lichen

ARCTOS RECORDS: [KNWR:Herb:8855](#) iNATURALIST OBSERVATIONS:
114281**Hypogymnia apinnata****Hypogymnia austerodes**

COMMON NAMES: Tube lichen

Hypogymnia bitteri

COMMON NAMES: Bitter tube lichen

Hypogymnia canadensis

COMMON NAMES: Pacific tube lichen

Hypogymnia dissoluta**Hypogymnia duplicata**

COMMON NAMES: Duplicate tube lichen

Hypogymnia enteromorpha

COMMON NAMES: Tube lichen

ARCTOS RECORDS: [KNWR:Herb:9018](#)**Hypogymnia metaphysodes**

COMMON NAMES: Tube lichen

ARCTOS RECORDS: [KNWR:Herb:9019](#)**Hypogymnia occidentalis**

COMMON NAMES: Western tube lichen

Hypogymnia physodes

COMMON NAMES: Tube lichen

ARCTOS RECORDS: [KNWR:Herb:9020](#) iNATURALIST OBSERVATIONS:
[115176](#)**Hypogymnia rugosa**

COMMON NAMES: Tube lichen

ARCTOS RECORDS: [KNWR:Herb:9021](#)**Imshaugia aleurites**

COMMON NAMES: Imshaugia lichen

Melanelia exasperatula

COMMON NAMES: Melanelia lichen

Melanelia olivacea

COMMON NAMES: Melanelia lichen

ARCTOS RECORDS: [KNWR:Herb:9035](#)**Melanelia panniformis**

COMMON NAMES: Melanelia lichen

ARCTOS RECORDS: [KNWR:Herb:9036](#)**Melanelia septentrionalis**

COMMON NAMES: Melanelia lichen

Melanelia stygia

COMMON NAMES: Melanelia lichen

Melanelia subaurifera

COMMON NAMES: Melanelia lichen

ARCTOS RECORDS: [KNWR:Herb:9038](#)**Melanelia trabeculata**

COMMON NAMES: Melanelia lichen

Parmelia hygrophila

COMMON NAMES: Shield lichen

Parmelia marginalis**Parmelia omphalodes**

COMMON NAMES: Shield lichen

Parmelia saxatilis

COMMON NAMES: Shield lichen

ARCTOS RECORDS: [KNWR:Herb:9045](#), [KNWR:Herb:9046](#)**Parmelia skultii**

COMMON NAMES: Skult's shield lichen

Parmelia squarrosa

COMMON NAMES: Shield lichen

Parmelia sulcata

COMMON NAMES: Shield lichen

ARCTOS RECORDS: [KNWR:Herb:9047](#), [KNWR:Herb:9048](#)**Parmeliopsis ambigua**

COMMON NAMES: Ambiguous bran lichen

ARCTOS RECORDS: [KNWR:Herb:9049](#)**Parmeliopsis hyperopta**

COMMON NAMES: Bran lichen

Platismatia glauca

COMMON NAMES: Ragbag

Pseudephebe minuscula

COMMON NAMES: Blackcurly lichen

ARCTOS RECORDS: [KNWR:Herb:9064](#)**Pseudephebe pubescens**

COMMON NAMES: Blackcurly lichen

ARCTOS RECORDS: [KNWR:Herb:8852](#)**Rhizoplaca melanophthalma**

COMMON NAMES: Rimmed navel lichen

Tuckermannopsis chlorophylla

COMMON NAMES: Greenleaf tuckermannopsis lichen

ARCTOS RECORDS: [KNWR:Herb:9092](#)**Tuckermannopsis sepincola**

COMMON NAMES: Tuckermannopsis lichen

Usnea lapponica

COMMON NAMES: Lapland beard lichen

Usnea scabrata

COMMON NAMES: Beard lichen

Usnea subfloridana

COMMON NAMES: Beard lichen

Usnea substerilis

COMMON NAMES: Beard lichen

Vulpicida pinastri**Family Peltigeraceae****Peltigera apthosa**

COMMON NAMES: Felt lichen

Peltigera britannica

COMMON NAMES: British felt lichen

ARCTOS RECORDS: [KNWR:Herb:9051](#)**Peltigera canina**

COMMON NAMES: Felt lichen

ARCTOS RECORDS: [KNWR:Herb:9052](#)**Peltigera collina**

COMMON NAMES: Felt lichen

Peltigera conspersa**Peltigera degenii**

COMMON NAMES: Degen's felt lichen

ARCTOS RECORDS: [KNWR:Herb:9053](#)**Peltigera didactyla**

COMMON NAMES: Felt lichen

Peltigera extenuata**Peltigera kristinssonii**

COMMON NAMES: Felt lichen

Peltigera leucophlebia

COMMON NAMES: Felt lichen

Peltigera macilenta**Peltigera malacea**

COMMON NAMES: Felt lichen

ARCTOS RECORDS: [KNWR:Herb:9055](#)

Peltigera membranacea

COMMON NAMES: Membraneous felt lichen

Peltigera monticola

Peltigera neckeri

COMMON NAMES: Necker's felt lichen

Peltigera neopolydactyla

COMMON NAMES: Felt lichen

Peltigera orbicularis

Peltigera polydactylon

COMMON NAMES: Felt lichen

ARCTOS RECORDS: [KNWR:Herb:9057](#)

Peltigera ponojensis

COMMON NAMES: Felt lichen

ARCTOS RECORDS: [KNWR:Herb:9058](#)

Peltigera praetextata

COMMON NAMES: Felt lichen

Peltigera retifoveata

COMMON NAMES: Felt lichen

Peltigera rufescens

COMMON NAMES: Felt lichen

Peltigera scabrosa

COMMON NAMES: Felt lichen

ARCTOS RECORDS: [KNWR:Herb:9059](#)

Peltigera sphaerica

Solorina crocea

COMMON NAMES: Chocolate chip lichen

Family Phlyctidaceae

Phlyctis argena

COMMON NAMES: Blemished lichen

Family Physciaceae

Buellia arborea

COMMON NAMES: Disc lichen

Buellia disciformis

COMMON NAMES: Disc lichen

Buellia griseovirens

COMMON NAMES: Disc lichen

Buellia punctata

COMMON NAMES: Disc lichen

Phaeophyscia endococcinodes

COMMON NAMES: Wreath lichen

Physcia caesia

COMMON NAMES: Rosette lichen

Physcia dubia

COMMON NAMES: Rosette lichen

Physcia stellaris

COMMON NAMES: Starry rosette lichen

Rinodina degeliana

Rinodina efflorescens

COMMON NAMES: Rinodina lichen

Rinodina endospora

Rinodina flavosoralifera

Rinodina griseosoralifera

Rinodina mniaraea

Rinodina orculata

Rinodina septentrionalis

COMMON NAMES: Rinodina lichen

Rinodina sheardii

Rinodina stictica

Rinodina turfacea

Family Porpidiaceae

Amygdalaria pelobotryon

COMMON NAMES: Amygdalaria lichen

Amygdalaria subdissenticus

Bellemeria alpina

COMMON NAMES: Alpine bellemeria lichen

Bellemeria subsorediza

COMMON NAMES: Bellemeria lichen

Mycobilimbia epixanthoides

Mycobilimbia sanguineoatra

Porpidia flavocaerulescens

COMMON NAMES: Porpidia lichen

Porpidia thomsonii

COMMON NAMES: Thomson's porpidia lichen

Family Ramalinaceae

Cliostomum flavidulum

COMMON NAMES: Cliostomum lichen

Ramalina dilacerata

COMMON NAMES: Cartilage lichen

Ramalina farinacea

COMMON NAMES: Farinose cartilage lichen

Ramalina intermedia

COMMON NAMES: Intermediate cartilage lichen

Ramalina obtusata

COMMON NAMES: Obtuse cartilage lichen

ARCTOS RECORDS: [KNWR:Herb:9066](#)

Ramalina roesleri

COMMON NAMES: Roesler's cartilage lichen

Family Rhizocarpaceae

Rhizocarpon alpicola

Rhizocarpon badioatrum

COMMON NAMES: Map lichen

Rhizocarpon eupetraeoides

COMMON NAMES: Map lichen

Rhizocarpon eupetraeum

COMMON NAMES: Map lichen

Rhizocarpon ferax

COMMON NAMES: Map lichen

Rhizocarpon geographicum

COMMON NAMES: World map lichen

Rhizocarpon grande

COMMON NAMES: Big map lichen

Family Sphaerophoraceae**Sphaerophorus fragilis**

COMMON NAMES: Fragile ball lichen
 ARCTOS RECORDS: [KNWR:Herb:9068](#)

Sphaerophorus globosus

COMMON NAMES: Globe ball lichen
 ARCTOS RECORDS: [KNWR:Herb:8851](#), [KNWR:Herb:9070](#)

Family Stereocaulaceae**Lepraria cacuminum****Lepraria caesioalba****Lepraria incana**

COMMON NAMES: Dust lichen

Lepraria neglecta

COMMON NAMES: Dust lichen

Stereocaulon alpinum

COMMON NAMES: Alpine snow lichen
 ARCTOS RECORDS: [KNWR:Herb:8850](#), [KNWR:Herb:9077](#)

Stereocaulon arenarium

COMMON NAMES: Arenaria snow lichen
 ARCTOS RECORDS: [KNWR:Herb:9078](#), [KNWR:Herb:9079](#)

Stereocaulon botryosum

COMMON NAMES: Snow lichen
 ARCTOS RECORDS: [KNWR:Herb:9080](#)

Stereocaulon grande

COMMON NAMES: Grand snow lichen

Stereocaulon intermedium

COMMON NAMES: Intermediate snow lichen
 ARCTOS RECORDS: [KNWR:Herb:9081](#), [KNWR:Herb:9084](#)

Stereocaulon paschale

COMMON NAMES: Snow lichen
 ARCTOS RECORDS: [KNWR:Herb:9082](#)

Stereocaulon rivulorum

COMMON NAMES: Snow lichen
 ARCTOS RECORDS: [KNWR:Herb:9085](#)

Stereocaulon tomentosum

COMMON NAMES: Tomentose snow lichen

Family Teloschistaceae**Caloplaca holocarpa**

COMMON NAMES: Orange lichen
 ARCTOS RECORDS: [KNWR:Herb:9007](#)

Caloplaca nivalis

COMMON NAMES: Orange lichen

Caloplaca tetraspora

COMMON NAMES: Orange lichen

Xanthoria candelaria

COMMON NAMES: Orange wall lichen
 ARCTOS RECORDS: [KNWR:Herb:9102](#)

Xanthoria elegans

COMMON NAMES: Elegant orange wall lichen
 ARCTOS RECORDS: [KNWR:Herb:9104](#), [KNWR:Herb:9105](#)

Xanthoria polycarpa

COMMON NAMES: Orange wall lichen

Order Ostropales**Family Porinaceae****Trichothelium chloroticum****Order Pertusariales****Family Pertusariaceae****Ochrolechia androgyna**

COMMON NAMES: Crabseye lichen

Ochrolechia frigida

COMMON NAMES: Cold crabseye lichen

Ochrolechia grimmiae**Ochrolechia gyalectina**

COMMON NAMES: Crabseye lichen

Ochrolechia oregonensis

COMMON NAMES: Oregon crabseye lichen

Ochrolechia szatalaensis

COMMON NAMES: Szatala's crabseye lichen

Ochrolechia upsaliensis

COMMON NAMES: Upsala crabseye lichen

Pertusaria alaskensis

COMMON NAMES: Alaska pore lichen

Pertusaria carneopallida

COMMON NAMES: Pore lichen

Pertusaria dactylina

COMMON NAMES: Pore lichen

Pertusaria oculata

COMMON NAMES: Pore lichen

Pertusaria ophthalmiza

COMMON NAMES: Pore lichen

Pertusaria subobducens

COMMON NAMES: Pore lichen

Pertusaria suboculata

COMMON NAMES: Pore lichen

Order Teloschistales**Family Leprocaulaceae****Leprocaulon subalbicans**

COMMON NAMES: Mealy lichen

Class Leotiomyces**Order Rhytismatales****Family Cudoniaceae****Spathularia sp.**

INATURALIST OBSERVATIONS: [1228496](#), [3808900](#)

Class Sordariomycetes**Order Diaporthales****Family Valsaceae****Valsa melanodiscus**

GENBANK SEQUENCES: [JX438621.1](#)

Division Basidiomycota**Class Basidiomycetes****Order Agaricales****Family Agaricaceae****Agaricus campestris**

COMMON NAMES: Meadow mushroom, field mushroom

Agaricus silvicolaCOMMON NAMES: Wood mushroom
iNATURALIST OBSERVATIONS: [829983](#)**Bovista plumbea**COMMON NAMES: Lead-grey puffball
iNATURALIST OBSERVATIONS: [863107](#)**Coprinus comatus**COMMON NAMES: Shaggy mane
iNATURALIST OBSERVATIONS: [863074](#)**Phaeolepiota aurea**COMMON NAMES: Alaskan gold
iNATURALIST OBSERVATIONS: [863059](#)**Family Amanitaceae****Amanita muscaria**COMMON NAMES: Fly agaric
iNATURALIST OBSERVATIONS: [877727](#)**Family Cortinariaceae****Cortinarius caperatus**COMMON NAMES: Gypsy mushroom
ARCTOS RECORDS: [KNWR:Herb:8949](#) iNATURALIST OBSERVATIONS:
[877764](#)**Family Lycoperdaceae****Calvatia booniana**COMMON NAMES: Western giant puffball
ARCTOS RECORDS: [KNWR:Herb:7334](#)**Lycoperdon pyriforme**COMMON NAMES: Stump puffball
iNATURALIST OBSERVATIONS: [871329](#)**Family Russulaceae****Lactarius deliciosus**

COMMON NAMES: Saffron milkcap

Russula emeticaCOMMON NAMES: the sickener
iNATURALIST OBSERVATIONS: [872034](#)**Russula xerampelina**COMMON NAMES: Shrimp russula
iNATURALIST OBSERVATIONS: [871319](#)**Family Tricholomataceae****Leucopaxillus gentianeus**COMMON NAMES: Bitter brown leucopaxillus
ARCTOS RECORDS: [KNWR:Herb:10340](#)**Family Typhulaceae****Typhula sp.**iNATURALIST OBSERVATIONS: [3855439](#)**Order Boletales****Family Boletaceae****Boletus edulis**

COMMON NAMES: King bolete, cep, porcini

Chalciporus piperatusCOMMON NAMES: Peppery bolete
iNATURALIST OBSERVATIONS: [868967](#)**Leccinum alaskanum**COMMON NAMES: Alaskan scaber-stalk
ARCTOS RECORDS: [KNWR:Herb:8952](#) iNATURALIST OBSERVATIONS:
[863048](#)**Leccinum holopus**COMMON NAMES: Ghost bolete
ARCTOS RECORDS: [KNWR:Herb:8955](#)**Order Hymenochaetales****Family Hymenochaetaceae****Inonotus obliquus**COMMON NAMES: Chaga mushroom
ARCTOS RECORDS: [KNWR:Herb:8832](#) iNATURALIST OBSERVATIONS:
[1298058](#)**Onnia tomentosa**COMMON NAMES: Woolly velvet polypore
iNATURALIST OBSERVATIONS: [3855184](#)**Phellinus igniarius**

COMMON NAMES: Iqmik

Order Russulales**Family Hericiaceae****Hericium coralloides**COMMON NAMES: Coral tooth
ARCTOS RECORDS: [KNWR:Herb:8979](#)**Order Thelephorales****Family Bankeraceae****Sarcodon imbricatus**COMMON NAMES: Scaly hedgehog
iNATURALIST OBSERVATIONS: [3905725](#)**Class Dacrymycetes****Order Dacrymycetales****Family Dacrymycetaceae****Dacrymyces chrysospermus**COMMON NAMES: Witch's butter
ARCTOS RECORDS: [KNWR:Herb:10336](#)**Class Pucciniomycetes****Order Pucciniales****Family Coleosporiaceae****Chrysomyxa pyrolae**SYNONYMS: Chrysomyxa pirolata
COMMON NAMES: Inland spruce cone rust
iNATURALIST OBSERVATIONS: [4471179](#)**Family Pucciniaceae****Puccinia linkii**

INATURALIST OBSERVATIONS: [3746023](#)

Family Pucciniastraceae

Melampsorium betulinum

COMMON NAMES: Birch rust

INATURALIST OBSERVATIONS: [869843](#)

Class Teliomycetes

Order Uredinales

Family Coleosporiaceae

Chrysomyxa arctostaphyli

COMMON NAMES: Spruce broom rust

Chrysomyxa ledicola

COMMON NAMES: Spruce needle rust

Family Pucciniaceae

Gymnosporangium cornutum

COMMON NAMES: Mountain ash juniper rust

Division Chytridiomycota

Class Chytridiomycetes

Order Rhizophydiales

Family Rhizophydiales Incertae Sedis

Batrachochytrium dendrobatidis

COMMON NAMES: Amphibian chytrid

Division Myxomycota

Class Myxomycetes

Order Physarales

Family Didymiaceae

Mucilago crustacea

COMMON NAMES: Dog sick slime mould

INATURALIST OBSERVATIONS: [871014](#)

Class Phycomycota

Order Peronosporales

Family Pythiaceae

Phytophthora alni

COMMON NAMES: Alder phytophthora

Unicellular Organisms

Phylum Cercozoa

Class Thecofilosea

Order Tectofilosida

Family Amphitremidae

Amphitrema wrightianum

Phylum Heterokonta

Class Labyrinthulomycetes

Order Labyrinthulomycetes

Family Amphitraemidae

Archerella flavum

Phylum Protozoa

Class Filosia

Order Aconchulinida

Family Euglyphidae

Assulina seminulum

Corythion dubium

Euglypha ciliata

Euglypha compressa

Euglypha rotunda

Placocista spinosa

Sphenoderia lenta

Trinema sp.

Class Lobosa

Order Arcellinida

Family Arcellidae

Arcella arenaria

Family Centropyxidae

Centropyxis aculeata

Centropyxis aerophila

Centropyxis laevigata

Family Cryptodifflugiidae

Cryptodifflugia oviformis

Family Difflugina Incertae Sedis

Bullinularia indica

Family Heleoperidae

Heleopera petricola

Heleopera rosea

Heleopera sphagni

Heleopera sylvatica

Family Hyalospheniidae

Hyalosphenia elegans

Hyalosphenia papilio

Family Nebelidae

Nebela dentistoma

Nebela griseola

Nebela marginata

Nebela militaris

Nebela tincta

Family Phryganellidae

Phyrganella acropodia

Family Trigonopyxidae

Trigonopyxis arcula

Species believed to be extirpated from the Refuge

Vertebrates

Phylum Chordata

Class Actinopterygii

Order Esociformes

Family Esocidae

†*Esox lucius*

COMMON NAMES: Northern pike

Order Gadiformes

Family Gadidae

†*Lota lota*

COMMON NAMES: Burbot, ellpout

Class Aves

Order Anseriformes

Family Anatidae

†*Anser cygnoides*

COMMON NAMES: Chinese goose

Class Mammalia

Order Artiodactyla

Family Cervidae

†*Odocoileus hemionus*

COMMON NAMES: Sitka black-tailed deer

Vascular Plants

Division Tracheophyta

Class Magnoliopsida

Order Alismatales

Family Hydrocharitaceae

†*Elodea canadensis* x *nuttallii*

Order Asterales

Family Asteraceae

†*Achillea ptarmica*

COMMON NAMES: Sneezeweed

†*Helianthus annuus*

COMMON NAMES: Annual sunflower

†*Sonchus arvensis*

COMMON NAMES: Field sowthistle

†*Tanacetum vulgare*

COMMON NAMES: Common tansy

Order Boraginales

Family Boraginaceae

†*Asperugo procumbens*

COMMON NAMES: German-madwort

Order Caryophyllales

Family Polygonaceae

†*Fallopia convolvulus*

COMMON NAMES: Black bindweed

Order Dipsacales

Family Adoxaceae

†*Viburnum opulus*

COMMON NAMES: American cranberrybush

Order Fabales

Family Fabaceae

†*Cytisus scoparius*

COMMON NAMES: Scotch broom

Order Fagales

Family Betulaceae

†*Betula pendula*

COMMON NAMES: Silver birch

Order Poales

Family Poaceae

†*Bromus tectorum*

COMMON NAMES: Cheatgrass

†*Hordeum vulgare*

COMMON NAMES: Barley

Order Rosales

Family Rosaceae

†*Sorbaria sorbifolia*

COMMON NAMES: False spirea

Change log

Date	Agent	Changes
2016-08-08	M. L. Bowser	Added <i>Lycia rachelae</i> based on sequence data http://boldsystems.org/index.php/Public_RecordView?processid=MOBIL1273-16 .
2016-08-08	M. L. Bowser	Added <i>Lycia ursaria</i> based on specimen record http://arctos.database.museum/guid/KNWR:Ento:10946 .
2016-08-08	M. L. Bowser	Added <i>Stagnicola elodes</i> based on specimen record http://arctos.database.museum/guid/KNWR:Ento:10865 .
2016-08-08	M. L. Bowser	Moved <i>Elodea canadensis</i> x <i>nuttallii</i> to the list of extirpated species based on its absence from Stormy Lake in all 2016 surveys, the result of an apparently successful eradication effort.
2016-08-11	M. L. Bowser	Added <i>Procloeon pennulatum</i> based on sequence data http://boldsystems.org/index.php/Public_RecordView?processid=MOBIL1429-16 .
2016-08-16	M. L. Bowser	Added <i>Impatiens noli-tangere</i> based on observation record http://www.inaturalist.org/observations/3893699 .
2016-08-16	M. L. Bowser	Added <i>Lumbriculus</i> sp. bold:aag4731 based on COI sequence record http://boldsystems.org/index.php/Public_RecordView?processid=MOBIL1270-16 .
2016-08-16	M. L. Bowser	Added <i>Lumbriculus</i> sp. bold:ada9314 based on COI sequence record http://boldsystems.org/index.php/Public_RecordView?processid=MOBIL1237-16 .
2016-08-17	M. L. Bowser	Added <i>Onnia tomentosa</i> based on observation record http://www.inaturalist.org/observations/3855184 .
2016-08-17	M. L. Bowser	Moved <i>Leontodon autumnalis</i> from the list of extirpated species to the Refuge's checklist based on observation record http://www.inaturalist.org/observations/3893773 .
2016-08-17	M. L. Bowser	The European rabbit (<i>Oryctolagus cuniculus</i>) was moved from the list of extirpated species back to the Refuge's checklist based on multiple reports of a black rabbit living at the cabins on Ski Hill Road.
2016-08-26	M. L. Bowser	Added <i>Utricularia vulgaris</i> , which had been unintentionally dropped due to faults in the way we have been handling synonymies.
2016-08-31	M. L. Bowser	Added <i>Pegomya flavoscutellata</i> based on COI sequence record http://boldsystems.org/index.php/Public_RecordView?processid=MOBIL1415-16 .
2016-09-01	M. L. Bowser	Added <i>Aedes abstrerratus</i> based on COI sequence record http://boldsystems.org/index.php/Public_RecordView?processid=MOBIL1404-16 .
2016-09-06	M. L. Bowser	Deleted <i>Goodyera oblongifolia</i> from the Refuge's checklist. This record was based on USDA Forest Inventory and Analysis data which was almost certainly a misidentification. <i>Goodyera oblongifolia</i> does not occur west of southeast Alaska according to specimen records presently in Arctos and distributions given by Hultén (1968) and Welsh (1974) .
2016-09-06	M. L. Bowser	Removed <i>Urocerus gigas</i> , a misspelling of the genus <i>Urocerus</i> <i>gigas</i> . North American identifications of <i>Urocerus gigas</i> are now considered to be a different species <i>Urocerus flavicornis</i> (Schiff et al., 2012), already on the Kenai National Wildlife Refuge's checklist.
2016-09-07	M. L. Bowser	Added <i>Eschscholzia californica</i> , <i>Erysimum</i> X <i>marshallii</i> , <i>Linum grandiflorum</i> , <i>Silene armeria</i> , <i>Centaurea cyanus</i> , <i>Cosmos bipinnatus</i> , <i>Gypsophila elegans</i> , and <i>Nemophila menziesii</i> . All of these were observed and photographed by Todd Eskelin and Matt Bowser on 2.Sept.2016 on Skilak Loop Road in the vicinity of 60.5044N, -150.5086W, where someone had apparently sewn a wildflower mix into this cleared and burned area. These observations were posted on http://www.inaturalist.org . Based on what we saw, I think this was likely Arctic Gro Wildflower Mix, lists the following seeds: Perennial Lupine, Siberian Wallflower, Shasta Daisy, California Poppy, Cornflower, Blue Flax, Scarlet Flax, Baby Blue-eyes, Cosmos, Corn Poppy, Annual Baby's Breath, Maltese Cross, Catch Fly, Icelandic Poppy, and Forget-Me-Not. Many of these flowers may not persist here, but they are present on the Refuge at the moment.

Date	Agent	Changes
2016-09-08	M. L. Bowser	Removed <i>Sanguisorba sitchensis</i> , a synonym of <i>Sanguisorba canadensis</i> .
2016-09-08	M. L. Bowser	Removed <i>Sedum rosea</i> , a synonym of <i>Rhodiola integrifolia</i> .
2016-09-21	M. L. Bowser	Added <i>Schistocephalus solidus</i> based on records in Sprehn et al. (2015) .
2016-11-02	M. L. Bowser	Added <i>Chrysomyxa pyrolae</i> based on observation record http://www.inaturalist.org/observations/4471179 .
2016-11-02	M. L. Bowser	Added <i>Rabdophaga rigidae</i> based on BOLD records http://boldsystems.org/index.php/Public_RecordView?processid=MOBIL1245-16 and http://boldsystems.org/index.php/Public_RecordView?processid=MOBIL1216-16 corresponding to BIN BOLD:ADB1445. These were close to other sequences identified as <i>Rabdophaga rigidae</i> on BOLD.
2016-11-02	M. L. Bowser	Removed <i>Rabdophaga</i> sp. bold:acz0653 because this BIN (BOLD:ACZ0653) was merged with BIN BOLD:ACZ0652 on February 1, 2016.
2016-11-04	M. L. Bowser	Corrected spelling of <i>Epiphanis cornutus</i> . We had misspelled it <i>Epiphanus cornutus</i> .
2016-11-17	M. L. Bowser	Added <i>Hydra hymanae</i> based on BOLD record http://boldsystems.org/index.php/Public_RecordView?processid=MOBIL1659-16 .
2016-11-17	M. L. Bowser	Added <i>Pseudotorymus</i> sp. bold:acr9193 based on specimen record http://arctos.database.museum/guid/KNWR:Ento:5355 .
2016-11-17	M. L. Bowser	Added <i>Rabdophaga</i> sp. bold:ada9342 based on BOLD record http://boldsystems.org/index.php/Public_RecordView?processid=MOBIL1215-16 .
2016-11-17	M. L. Bowser	Added <i>Tachinus quebecensis</i> based on BOLD record http://boldsystems.org/index.php/Public_RecordView?processid=MOBIL1589-16 .
2016-11-17	M. L. Bowser	Added <i>Tarnania tarnanii</i> based on BOLD record http://boldsystems.org/index.php/Public_RecordView?processid=MOBIL1588-16 .
2016-11-18	M. L. Bowser	Added <i>Cladara limitaria</i> based on specimen record http://arctos.database.museum/guid/KNWR:Ento:11054 .
2016-11-18	M. L. Bowser	Added <i>Spathularia</i> sp. based on observation records http://www.inaturalist.org/observations/1228496 and http://www.inaturalist.org/observations/3808900 .
2016-11-18	M. L. Bowser	Added <i>Typhula</i> sp. based on observation record http://www.inaturalist.org/observations/3855439 .

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